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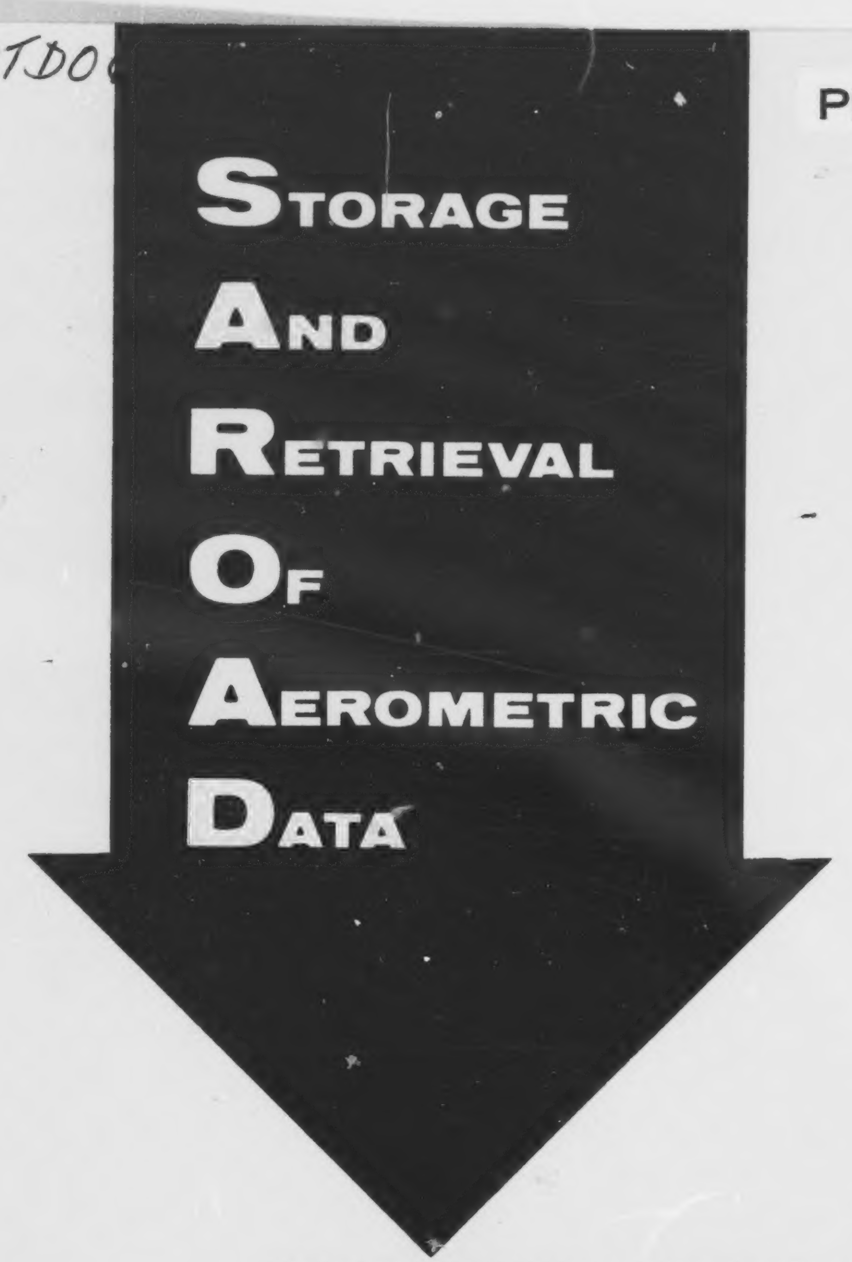

# STORAGE AND RETRIEVAL OF AEROMETRIC DATA

## PARAMETER CODING MANUAL

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U. S. ENVIRONMENTAL PROTECTION AGENCY

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The code numbers are identified of six of nine classes of pollutants: (1) Suspended Particulates, (2) Settled Particulates, (3) Respirable Particulates, (4) Gases and Vapors, (5) Biocides, Allergens, and Pathogens, and (6) Atmospheric and Related Parameters.

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# AROAD
# PARAMETER CODING MANUAL

by

Donald H. Fair
John B. Clements
George B. Morgan

ENVIRONMENTAL PROTECTION AGENCY
Office of Air Programs
Research Triangle Park, N. C.
July 1971

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# ABSTRACT

The July 1971 issue of the SAROAD Parameter Coding Manual, fourth in a series, identifies the code numbers of six of nine classes of pollutants: (1) Suspended Particulates, (2) Settled Particulates, (3) Respirable Particulates, (4) Gases and Vapors, (5) Biocides, Allergens, and Pathogens, and (6) Atmospheric and Related Parameters. Other pollutants, to be identified in the future, are: Basic Effects, Fractional Particulates, and Miscellaneous.

KEY WORDS

Aerometric Data
Parameter Code
Pollutant Code
Suspended Particulates
Settled Particulates
Respirable Particulates
Gases and Vapors
Biocides, Allergens, and Pathogens
Atmospheric and Related Parameters
Basic Effects
Fractional Particulates
Miscellaneous
Air Monitoring
Glossary
Codes

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# SAROAD

# PARAMETER CODING MANUAL

## INTRODUCTION

For orderly storage and retrieval of aerometric data in computer data banks, all pollutants and parameters must be classified according to some logical system of coding structure. Standardization of pollutant and parameter coding will allow free exchange of data and will eliminate the need for computer programs to convert from one coding structure to another. Standardization of coding will greatly benefit local agencies that are establishing new monitoring systems, since many of the problems associated with data handling will have been dealt with in preparation of this coding system.

This manual describes the coding system used by the Environmental Protection Agency in maintaining the National Aerometric Data Bank. It lists the codes now assigned to certain pollutants and parameters. Codings of sampler locations and methods of sampling and analysis will be given in another manual. Although the coding system is not yet complete, the information now available and given in this manual will be useful to users of the SAROAD system. When coding of the three remaining major classes of pollutants and parameters is complete, the assigned coding will then be distributed.

## DESCRIPTION OF SAROAD SYSTEM

The SAROAD system divides aerometric pollutants and parameters into nine major classes, defined as follows:

1. Suspended Particulates - Solid particles or liquid droplets with effective diameters less than approximately 100 microns. Such particles have low settling velocities under average meteorological conditions and therefore tend to remain airborne.

2. Settled Particulates - Solid particles or liquid droplets of such size and density that gravitational deposition is the principal mechanism for removal from the atmosphere, usually at a relatively short distance from the source. These are also referred to as settleable particulates.

3. Respirable Particulates - Particles of size range, density, and aerodynamic properties that tend to be inhaled and trapped in the lower respiratory system.

4. Gases and Vapors - Substances that normally exist in a gaseous state at ambient temperatures and pressures or that evolve from liquids that tend to volatilize under these conditions.

5. Biocides, Allergens, and Pathogens -
   Biocides - Commercial chemical preparations for control of selected plant, animal, or insect life forms.
   Allergens - Airborne substances, frequently of plant origin, that induce allergic reactions.
   Pathogens - Viable airborne micro-organisms or infective agents that can cause disease.

6. Atmospheric and Related Parameters - Basic meteorological parameters such as wind speed, wind direction, and relative humidity; also ground surface conditions that relate to these parameters.

7. Basic Effects - Effects of individual pollutants or any combination thereof on human health and safety, animals, vegetation, materials, and esthetic values.

8. Fractional Particulates - Particle size ranges of suspended particulates and relationships to such parameters as composition, visibility, soiling, and synergistic activity.

9. Miscellaneous - This category will include any data not assignable to other specific categories.

Each major class is divided into nine subclasses, and each subclass is further divided into nine families; each family may contain up to 99 individual pollutants or parameters. This family-tree type of organization makes possible the assignment of a five-digit code number to over 72,000 different aerometric pollutants and parameters.

In the SAROAD system codes are assigned to a pollutant or parameter by a logical progression of steps. First, the proper major class is determined for the pollutant or parameter to be coded. The digit assigned to the selected major class is used as the first digit of the five-digit code. Next, the subclasses of the chosen major class are considered, and the most appropriate one is selected. The digit assigned to the subclass is assigned as the second digit of the five-digit code. The families of the selected subclass are then considered, a selection is made, and the digit assigned this family is used as the third digit of the five-digit code. Families can accommodate 99 entries, since two digits are available. Assignment of these two digits in the family is made arbitrarily in any convenient manner.

## USE OF MANUAL

An example of assignment of a code is presented to enhance the user's understanding of the SAROAD system and to show how he can use this manual to find codes already assigned. The nine major classes and their subclasses are listed in the Contents. The page designated for each subclass gives a flow diagram with a moving arrow arrangement to direct the reader to the families available in each subclass. The entries in each family then are searched for the pollutant or parameter of interest. The flow chart also gives the digits assigned to each major class, subclass, and family; these are the digits used in developing pollutant or parameter codes.

Consider the example of coding the lead content of suspended particulate matter. Selection of "Suspended Particulates" as the major class is clear. All subclasses for suspended particulates listed in the Contents are then considered; since lead is inorganic, the subclass "Inorganic" is chosen. One then determines that page 1-7 should be consulted for review of the available families. After reviewing the eight families and considering that all forms of lead are measured, one then determines that the family "Total Element (Free and Combined)" should be searched for the pollutant lead. At this point the first three digits of the five-digit code can be assigned; they are 121. One then searches pages 1-8 through 1-10 and finds that lead is listed on page 1-8 as the 28th entry in the family. All five digits are now available; the full code for lead in suspended particulate matter is 12128.

Should a user of this manual have difficulty locating a code for a pollutant or parameter of interest or should he wish a code assigned to a pollutant or parameter not listed, he is encouraged to contact the authors for assistance.

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| Pollutant or Parameter | Code number | Page number |
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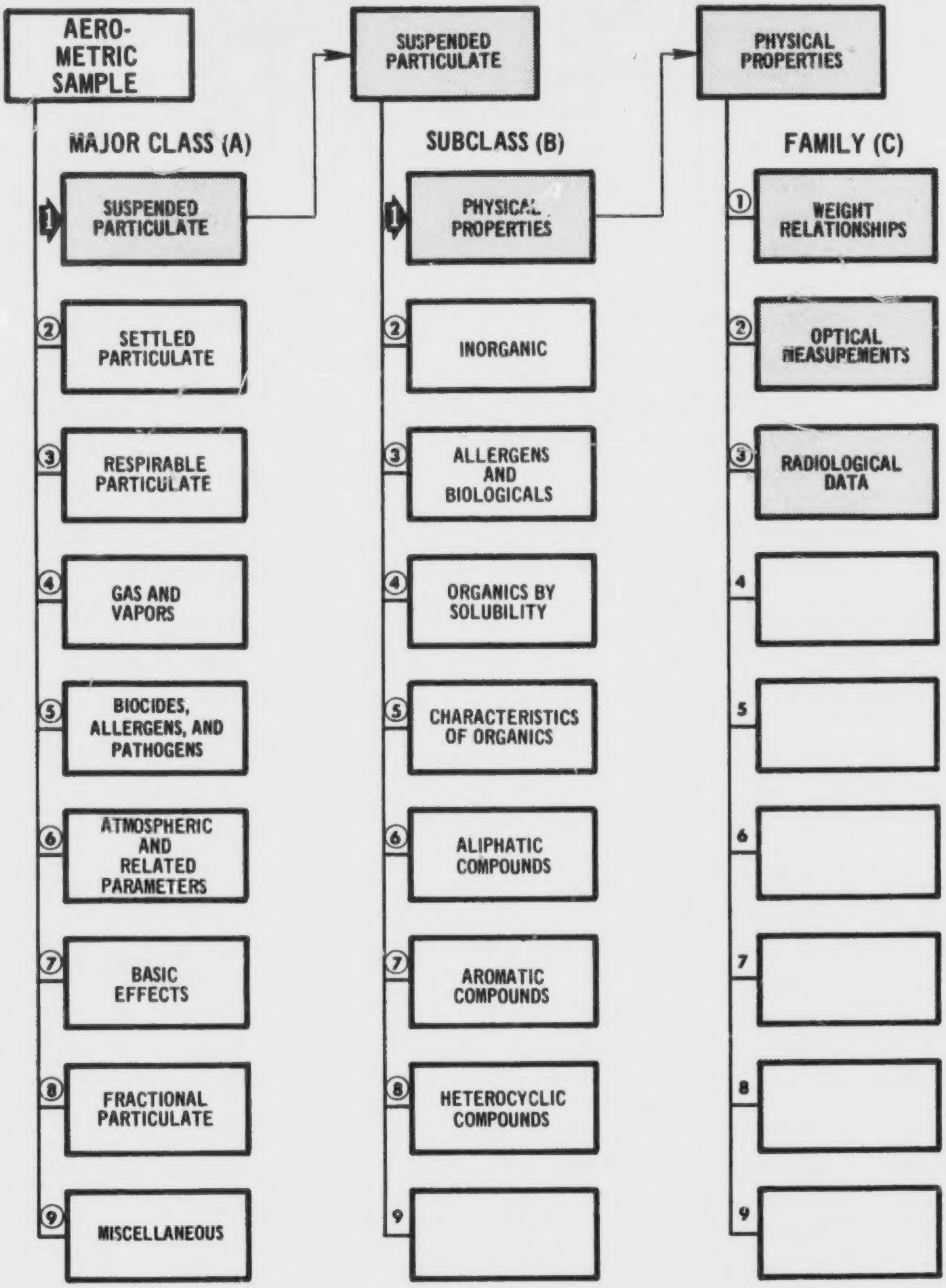
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
SUSPENDED PARTICULATE
PHYSICAL PROPERTIES
MAJOR CLASS (A)
SUBCLASS (B)
FAMILY (C)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
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2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
1 WEIGHT RELATIONSHIPS
2 OPTICAL MEASUREMENTS
3 RADIOLOGICAL DATA
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|---|---|
| SUSPENDED PARTICULATES | 1 |
| PHYSICAL PROPERTIES | 11 |
| Weight Relationships | 111 |
| Particulate | 11101 |
| Organic (total) fraction | 11102 |
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| POLLUTANT OR PARAMETER | CODE |
|---|---|
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| Thorium - 232 | 11335 |
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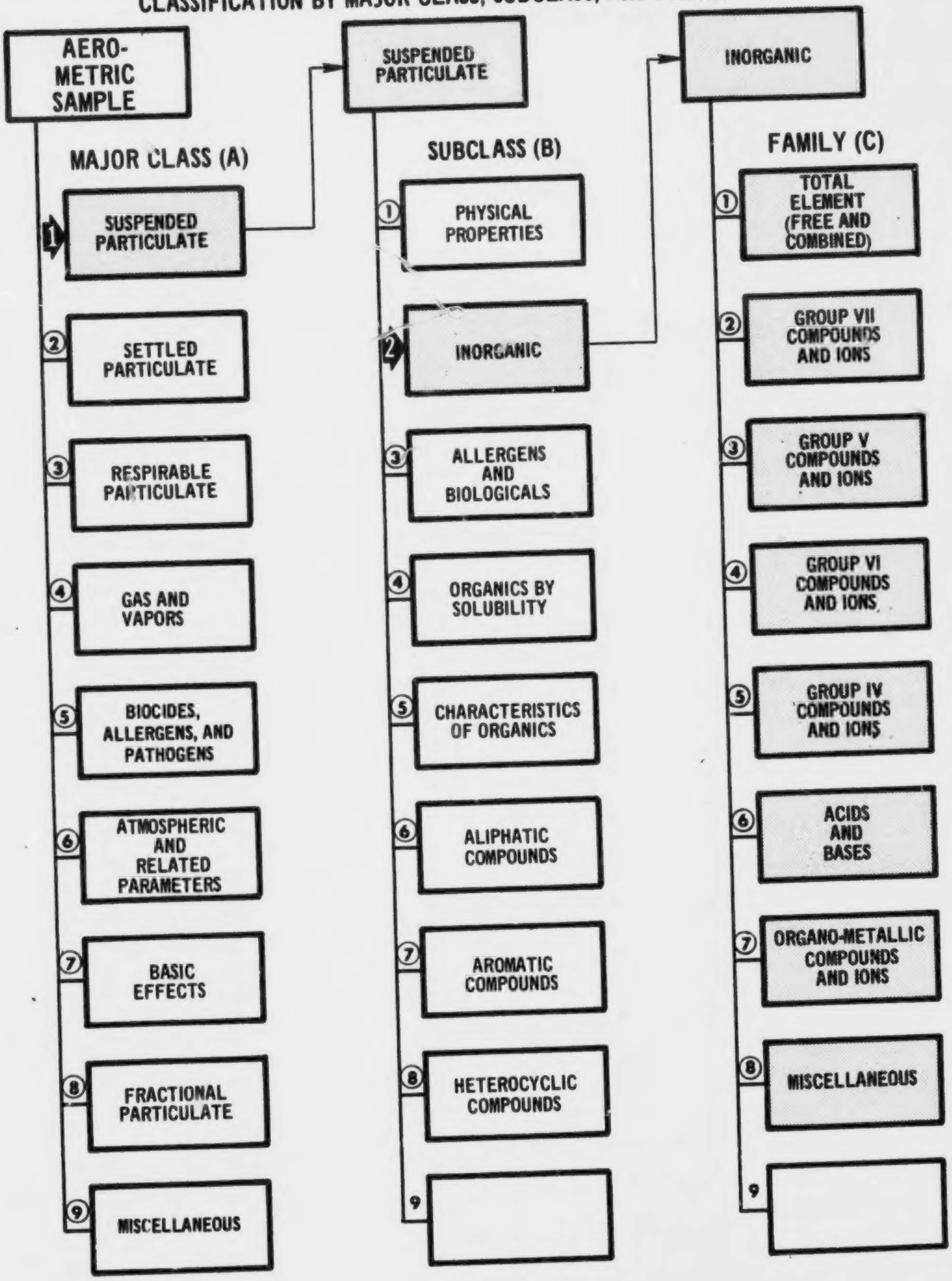
| Uranium - 235 | 11337 |
| Uranium - 238 | 11338 |
| Xenon - 133 | 11339 |
| Yttrium - 90 | 11340 |
| Zinc - 65 | 11341 |
| Lead - 210 | 11342 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
2 INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
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FAMILY (C)
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② GROUP VII COMPOUNDS AND IONS
③ GROUP V COMPOUNDS AND IONS
④ GROUP VI COMPOUNDS AND IONS
⑤ GROUP IV COMPOUNDS AND IONS
⑥ ACIDS AND BASES
⑦ ORGANO-METALLIC COMPOUNDS AND IONS
⑧ MISCELLANEOUS
9

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| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| INORGANIC | 12 |
| Total Element (Free and Combined) | 121 |
| Aluminum | 12101 |
| Antimony | 12102 |
| Arsenic | 12103 |
| Argon | 12104 |
| Beryllium | 12105 |
| Bismuth | 12106 |
| Barium | 12107 |
| Boron | 12108 |
| Bromine | 12109 |
| Cadmium | 12110 |
| Calcium | 12111 |
| Chromium | 12112 |
| Cobalt | 12113 |
| Copper | 12114 |
| Chlorine | 12115 |
| Carbon | 12116 |
| Cerium | 12117 |
| Cesium | 12118 |
| Dysprosium | 12119 |
| Erbium | 12120 |
| Europium | 12121 |
| Fluorine | 12122 |
| Gadolinium | 12123 |
| Gallium | 12124 |
| Germanium | 12125 |
| Iron | 12126 |
| Hafnium | 12127 |
| Lead | 12128 |
| Holmium | 12129 |
| Hydrogen | 12130 |
| Indium | 12131 |
| Manganese | 12132 |
| Iridium | 12133 |
| Molybdenum | 12134 |
| Krypton | 12135 |
| Nickel | 12136 |

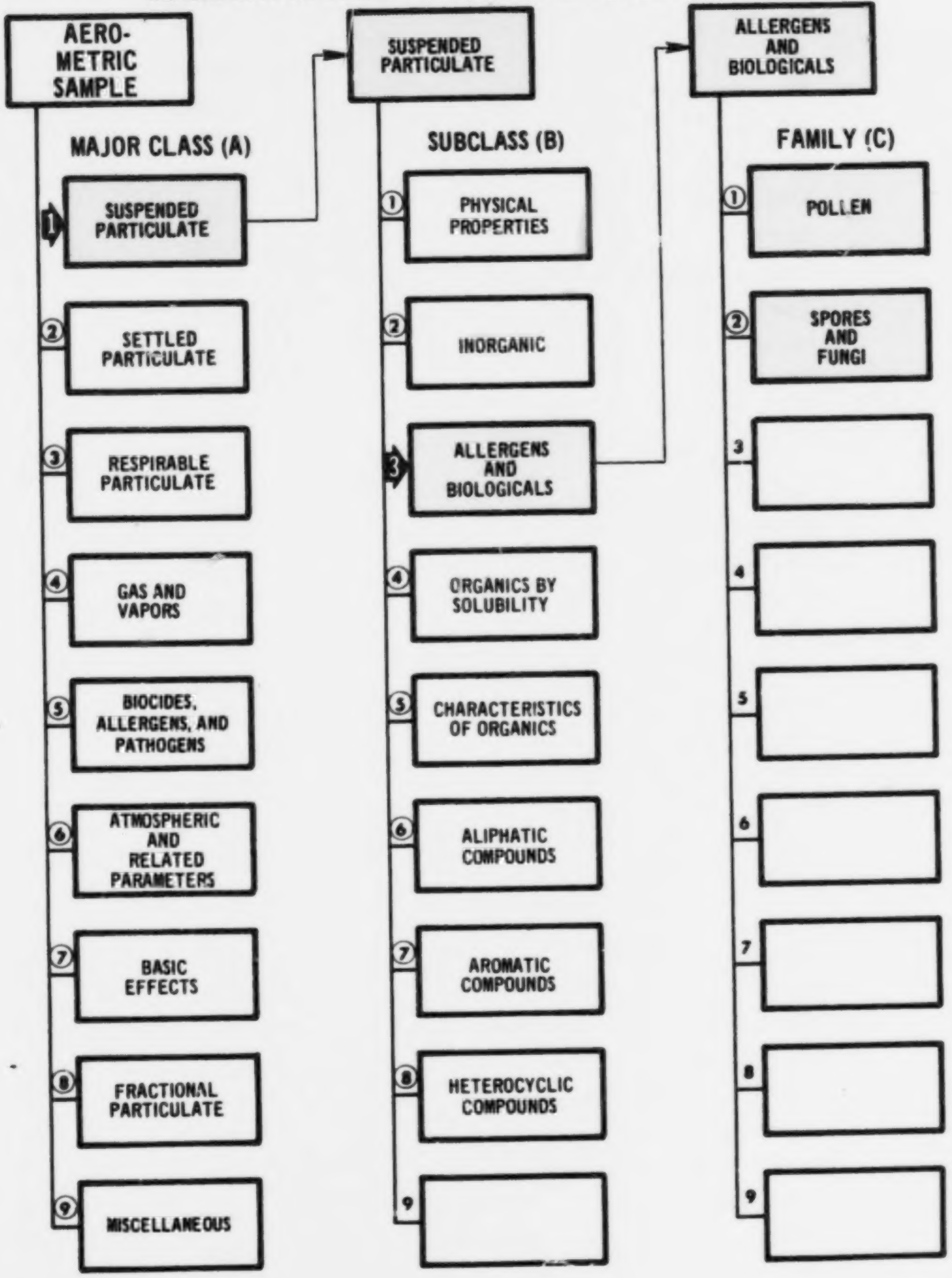
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| INORGANIC | 12 |
| Total Element (Free and Combined) | 121 |
| Helium | 12137 |
| Lithium | 12138 |
| Lutetium | 12139 |
| Magnesium | 12140 |
| Iodine | 12141 |
| Mercury | 12142 |
| Gold | 12143 |
| Neodymium | 12144 |
| Neon | 12145 |
| Lanthanum | 12146 |
| Niobium | 12147 |
| Nitrogen | 12148 |
| Osmium | 12149 |
| Oxygen | 12150 |
| Palladium | 12151 |
| Phosphorus | 12152 |
| Platinum | 12153 |
| Selenium | 12154 |
| Praseodymium | 12155 |
| Protactinium | 12156 |
| Radium | 12157 |
| Rhenium | 12158 |
| Rhodium | 12159 |
| Tin | 12160 |
| Titanium | 12161 |
| Samarium | 12162 |
| Scandium | 12163 |
| Vanadium | 12164 |
| Silicon | 12165 |
| Silver | 12166 |
| Zinc | 12167 |
| Strontium | 12168 |
| Sulfur | 12169 |
| Tantalum | 12170 |
| Tellurium | 12171 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| INORGANIC | 12 |
| Total Element (Free and Combined) | 121 |
| Terbium | 12172 |
| Thallium | 12173 |
| Thorium | 12174 |
| Thulium | 12175 |
| Rubidium | 12176 |
| Ruthenium | 12177 |
| Tungsten | 12178 |
| Uranium | 12179 |
| Potassium | 12180 |
| Xenon | 12181 |
| Ytterbium | 12182 |
| Yttrium | 12183 |
| Sodium | 12184 |
| Zirconium | 12185 |
| Group VII Compounds and Ions | 122 |
| Bromide ion | 12201 |
| Fluoride ion | 12202 |
| Chloride ion | 12203 |
| Iodide ion | 12204 |
| Chlorate ion | 12205 |
| Perchlorate ion | 12206 |
| Bromate ion | 12207 |
| Sodium chloride | 12210 |
| Potassium chloride | 12211 |
| Calcium chloride | 12212 |
| Ammonium chloride | 12213 |
| Aluminum chloride | 12214 |
| Sodium bromide | 12230 |
| Potassium bromide | 12231 |
| Sodium iodide | 12250 |
| Potassium iodide | 12251 |
| Potassium fluoride | 12270 |
| Sodium fluoride | 12271 |
| Sodium fluorosilicate | 12275 |
| Calcium fluorosilicate | 12276 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| INORGANIC | 12 |
| Group V Compounds and Ions | 123 |
| Ammonium ion | 12301 |
| Cyanide ion | 12304 |
| Nitrate ion | 12306 |
| Nitrite ion | 12309 |
| Hydrazine | 12310 |
| Hydrazoic acid | 12311 |
| Ammonium chloride | 12320 |
| Ammonium nitrate | 12321 |
| Ammonium sulfate | 12322 |
| Phosphoric acid | 12340 |
| Calcium phosphate | 12341 |
| Phosphorous pentasulfide | 12342 |
| Phosphate ion | 12345 |
| Hydrogen phosphate ion | 12346 |
| Dihydrogen phosphate ion | 12347 |
| Group VI Compounds and Ions | 124 |
| Sulfide ion | 12401 |
| Sulfuric acid | 12402 |
| Sulfate ion | 12403 |
| Thiosulfate ion | 12404 |
| Sulfite ion | 12410 |
| Ferrous sulfide | 12411 |
| Ferric sulfide | 12412 |
| Ferrous sulfate | 12413 |
| Ferric sulfate | 12414 |
| Barium sulfate | 12415 |
| Chromium trioxide | 12417 |
| Sodium dichromate | 12418 |
| Zinc oxide | 12430 |
| Aluminum oxide | 12431 |
| Water | 12450 |
| Group IV Compounds and Ions | 125 |
| Carbonate ion | 12501 |
| Bicarbonate ion | 12502 |
| Carbon boride | 12510 |
| Silicon carbide | 12511 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| INORGANIC | 12 |
| Group IV Compounds and Ions | 125 |
| Silicate ion | 12550 |
| Silicon dioxide | 12551 |
| Acids and Bases | 126 |
| Total acidity H+ | 12601 |
| Hydrogen ion concentration pH | 12602 |
| Bicarbonate ion | 12603 |
| Sulfuric acid | 12604 |
| Nitric acid | 12605 |
| Hydrochloric acid | 12606 |
| Total alkalinity | 12650 |
| Hydroxide ion concentration | 12651 |
| Carbonate ion | 12652 |
| Calcium hydroxide | 12653 |
| Organo-Metallic Compounds and Ions | 127 |
| Miscellaneous | 128 |

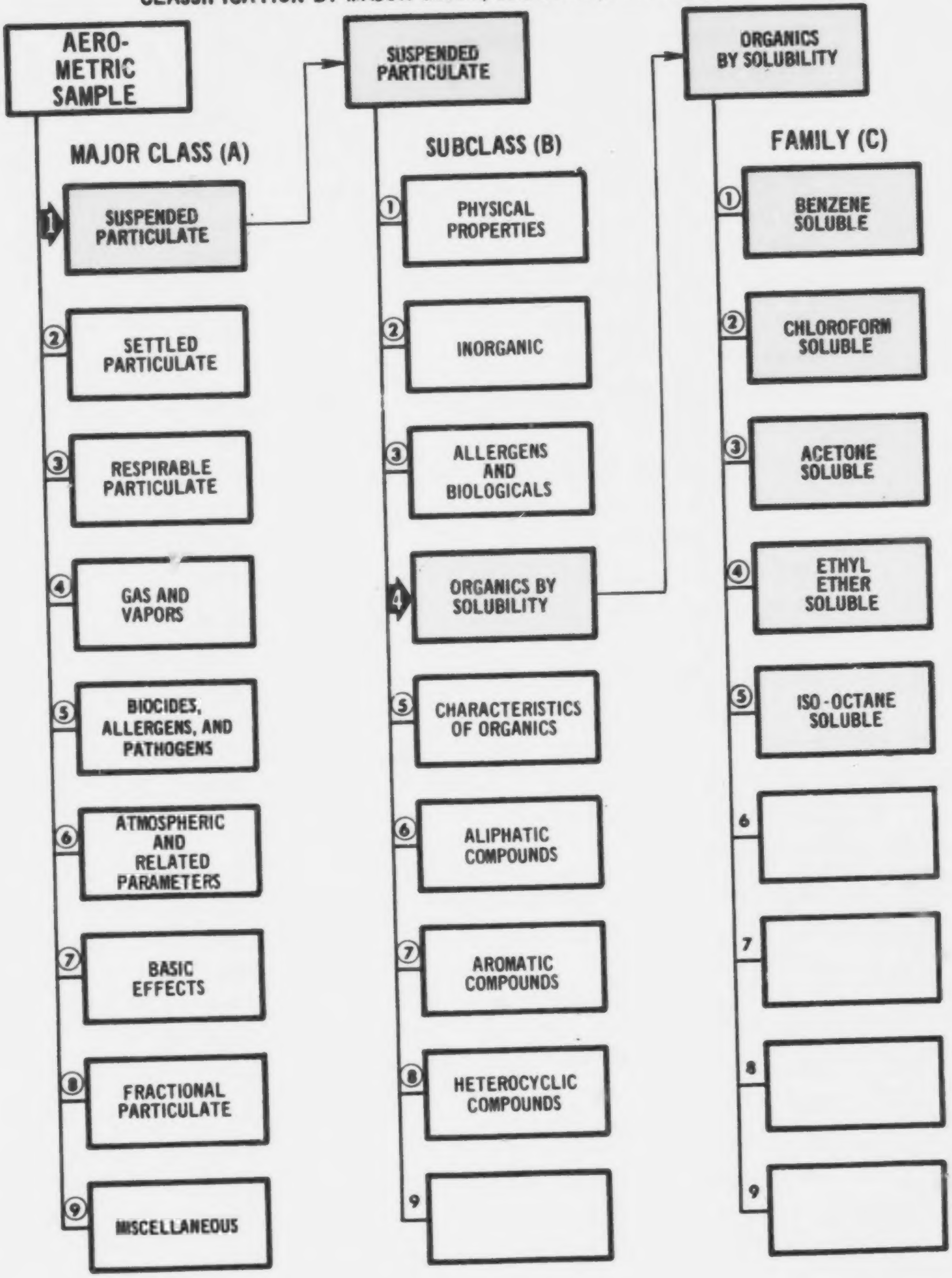
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
ALLERGENS AND BIOLOGICALS
FAMILY (C)
1 POLLEN
2 SPORES AND FUNGI
3
4
5
6
7
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALLERGENS AND BIOLOGICALS | 13 |
| Pollen | 131 |
| Abies | 13101 |
| Aren | 13102 |
| Amaranthacea | 13103 |
| Ambrosia | 13104 |
| Artemisia | 13105 |
| Betulaceae | 13106 |
| Carya | 13107 |
| Chenopodiaceae | 13108 |
| Cyperaceae | 13109 |
| Fagus | 13110 |
| Gramineae | 13111 |
| Iva | 13112 |
| Iva xanthifolia | 13113 |
| Juglans | 13114 |
| Juniperus | 13115 |
| Myricaceae | 13116 |
| Picea | 13117 |
| Pinus | 13118 |
| Plantago | 13119 |
| Plantanus | 13120 |
| Populus | 13121 |
| Quercus | 13122 |
| Rumex | 13123 |
| Salix | 13124 |
| Solidago | 13125 |
| Tilia | 13126 |
| Tsuga | 13127 |
| Ulmus | 13128 |
| Spores and Fungi | 132 |
| Algae spores | 13201 |
| Yeast spores (blastomycetes) | 13202 |
| Saccharomycetes | 13203 |
| Fungi spores (eumycetes) | 13204 |
| Pichia spores | 13205 |
| Schizomycetes | 13206 |
| Endomyces sp | 13207 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALLERGENS AND BIOLOGICALS | 13 |
| Spores and Fungi | 132 |
| Oospora sp | 13208 |
| Phycomycetes | 13209 |
| Basidiomycetes | 13210 |
| Ascomycetes | 13211 |
| Fungi imperfecti | 13212 |
| Mucedinaceae | 13213 |
| Dematiaceae | 13214 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
ORGANICS BY SOLUBILITY
FAMILY (C)
1 BENZENE SOLUBLE
2 CHLOROFORM SOLUBLE
3 ACETONE SOLUBLE
4 ETHYL ETHER SOLUBLE
5 ISO-OCTANE SOLUBLE
6
7
8
9

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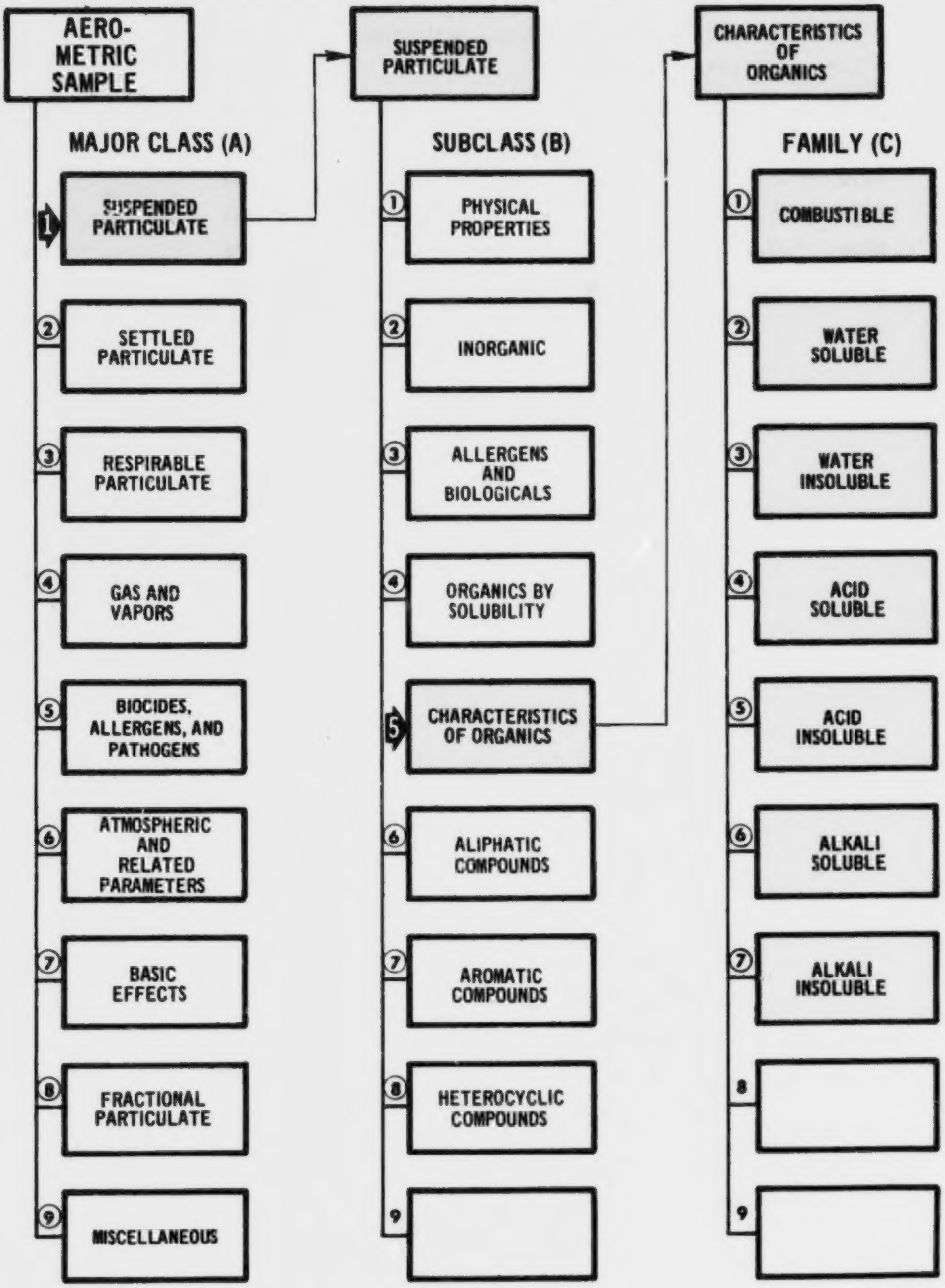
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ORGANICS BY SOLUBILITY | 14 |
| Benzene Soluble | 141 |
| Total benzene soluble organics | 14101 |
| Aliphatic fraction | 14102 |
| Aromatic fraction | 14103 |
| Acid extract fraction | 14104 |
| Amine group fraction | 14105 |
| Neutral fraction | 14106 |
| Weak acid fraction | 14107 |
| Strong acid fraction | 14108 |
| Water soluble fraction | 14109 |
| Water-ether insoluble | 14110 |
| Oxygenated fraction | 14111 |
| Chloroform Soluble | 142 |
| Total chloroform soluble organics | 14201 |
| Aliphatic fraction | 14202 |
| Aromatic fraction | 14203 |
| Acid extract fraction | 14204 |
| Amine group fraction | 14205 |
| Neutral fraction | 14206 |
| Weak acid fraction | 14207 |
| Strong acid fraction | 14208 |
| Water soluble fraction | 14209 |
| Water-ether insoluble | 14210 |
| Oxygenated fraction | 14211 |
| Acetone Soluble | 143 |
| Total acetone soluble organics | 14301 |
| Aliphatic fraction | 14302 |
| Aromatic fraction | 14303 |
| Acid extract fraction | 14304 |
| Amine group fraction | 14305 |
| Neutral fraction | 14306 |
| Weak acid fraction | 14307 |
| Strong acid fraction | 14308 |
| Water soluble fraction | 14309 |
| Water-ether insoluble | 14310 |
| Oxygenated fraction | 14311 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ORGANICS BY SOLUBILITY | 14 |
| Ethyl Ether Soluble | 144 |
| Total ethyl ether soluble organics | 14401 |
| Aliphatic fraction | 14402 |
| Aromatic fraction | 14403 |
| Acid extract fraction | 14404 |
| Amine group fraction | 14405 |
| Neutral fraction | 14406 |
| Weak acid fraction | 14407 |
| Strong acid fraction | 14408 |
| Water soluble fraction | 14409 |
| Water-ether insoluble | 14410 |
| Oxygenated fraction | 14411 |
| Iso-Octane Soluble | 145 |
| Total iso-octane soluble organics | 14501 |
| Aliphatic fraction | 14502 |
| Aromatic fraction | 14503 |
| Acid extract fraction | 14504 |
| Amine group fraction | 14505 |
| Neutral fraction | 14506 |
| Weak acid fraction | 14507 |
| Strong acid fraction | 14508 |
| Water soluble fraction | 14509 |
| Water-ether insoluble | 14510 |
| Oxygenated fraction | 14511 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
CHARACTERISTICS OF ORGANICS
FAMILY (C)
1 COMBUSTIBLE
2 WATER SOLUBLE
3 WATER INSOLUBLE
4 ACID SOLUBLE
5 ACID INSOLUBLE
6 ALKALI SOLUBLE
7 ALKALI INSOLUBLE
8
9

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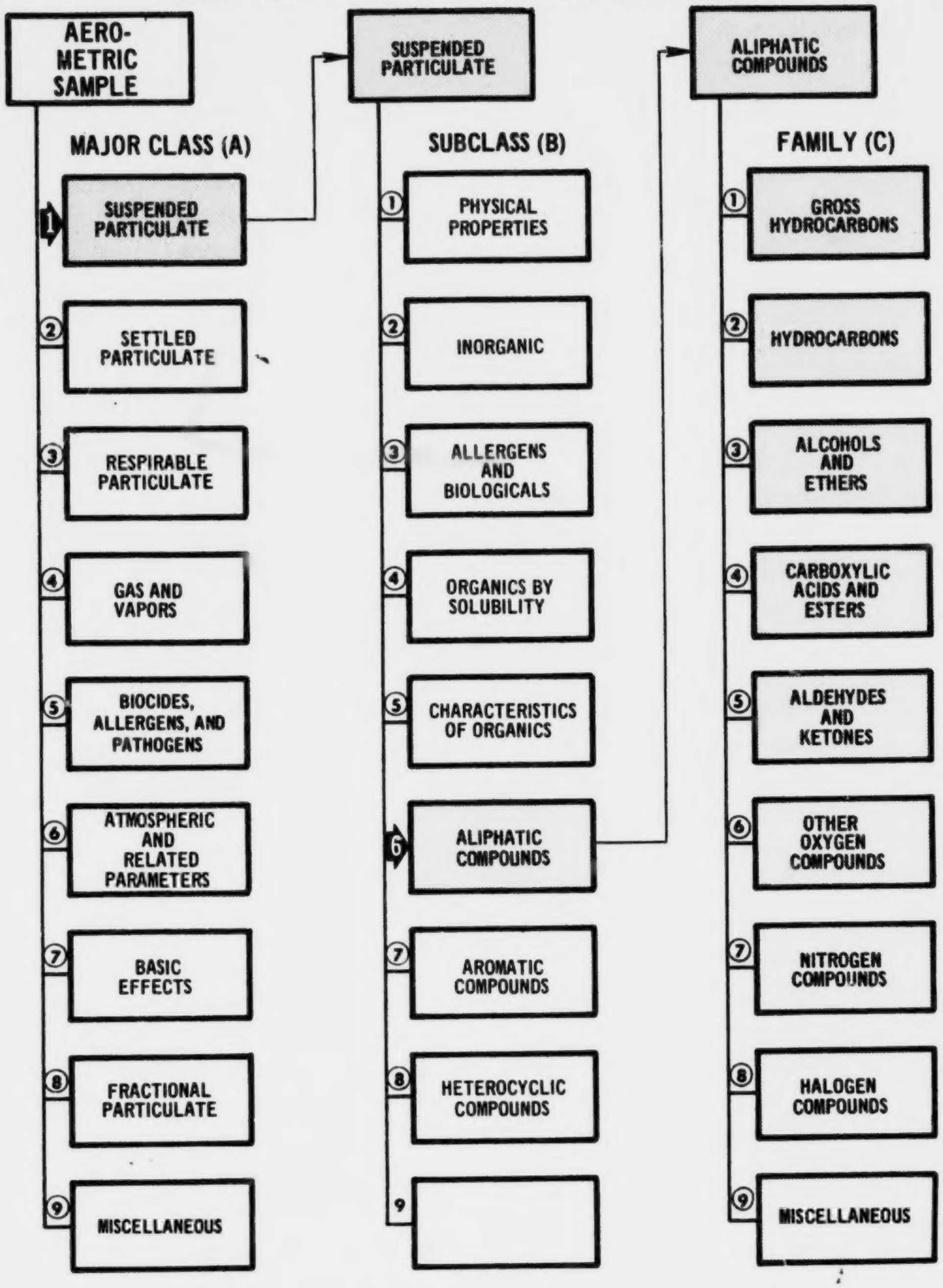
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| CHARACTERISTICS OF ORGANICS | 15 |
| Combustible | 151 |
| Loss on 500 degrees centigrade ignition | 15101 |
| Residue after ignition | 15102 |
| Water Soluble | 152 |
| Water Insoluble | 153 |
| Acid Soluble | 154 |
| Acid Insoluble | 155 |
| Alkali Soluble | 156 |
| Alkali Insoluble | 157 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
ALIPHATIC COMPOUNDS
FAMILY (C)
1 GROSS HYDROCARBONS
2 HYDROCARBONS
3 ALCOHOLS AND ETHERS
4 CARBOXYLIC ACIDS AND ESTERS
5 ALDEHYDES AND KETONES
6 OTHER OXYGEN COMPOUNDS
7 NITROGEN COMPOUNDS
8 HALOGEN COMPOUNDS
9 MISCELLANEOUS

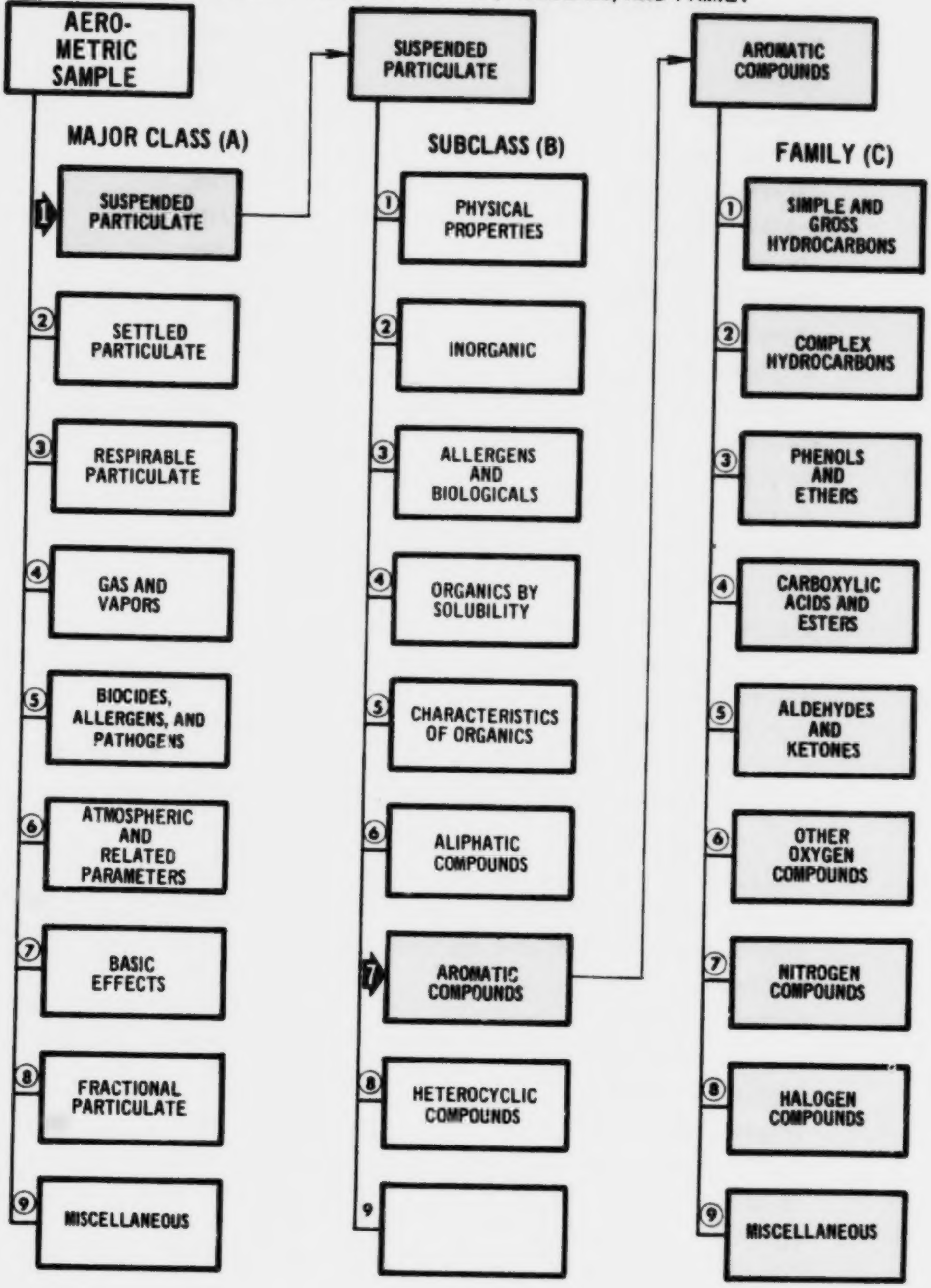
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALIPHATIC COMPOUNDS | 16 |
| Gross Hydrocarbons | 161 |
| Hydrocarbons | 162 |
| Heptane | 16201 |
| Octane | 16202 |
| Nonane | 16203 |
| Decane | 16204 |
| Undecane | 16205 |
| Dodecane | 16206 |
| Tridecane | 16207 |
| Tetradecane | 16208 |
| Pentadecane | 16209 |
| Hexadecane | 16210 |
| Heptadecane | 16211 |
| Octadecane | 16212 |
| Nonadecane | 16213 |
| Eicosane | 16214 |
| Hemeicosane | 16215 |
| Docosane | 16216 |
| Tricosane | 16217 |
| Tetracosane | 16218 |
| Pentacosane | 16219 |
| Hexacosane | 16220 |
| Heptacosane | 16221 |
| Octacosane | 16222 |
| Cyclohexane | 16223 |
| Cycloheptane | 16224 |
| Cyclooctane | 16225 |
| Heptene-1 | 16226 |
| Octene-1 | 16227 |
| Alcohols and Ethers | 163 |
| Butyl alcohol | 16301 |
| *iso*-butyl alcohol | 16302 |
| *sec*-butyl alcohol | 16303 |
| *tert*-butyl alcohol | 16304 |
| *n*-amyl alcohol | 16305 |
| *iso*-amyl alcohol | 16306 |
| *tert*-amyl alcohol | 16307 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALIPHATIC COMPOUNDS | 16 |
| Alcohols and Ethers | 163 |
| *n*-hexyl alcohol | 16308 |
| Cyclohexanol | 16309 |
| *n*-octyl alcohol | 16310 |
| Capryl alcohol (octanol-2) | 16311 |
| Decyl alcohol | 16312 |
| Lauryl alcohol | 16313 |
| Myristyl alcohol | 16314 |
| Cetyl alcohol | 16315 |
| Stearyl alcohol | 16316 |
| Di-*n*-butyl ether | 16340 |
| Di-*n*-amyl ether | 16341 |
| Di-*iso*-amyl ether | 16342 |
| Di-*n*-hexyl ether | 16343 |
| Di-chloromethyl ether | 16344 |
| Di-(β-chloroethyl) ether | 16346 |
| Ethylene glycol dimethyl ether | 16347 |
| Divinyl ether | 16348 |
| Diallyl ether | 16349 |
| Carboxylic Acids and Esters | 164 |
| Propionic acid | 16401 |
| N-butyric acid | 16402 |
| *iso*-butyric acid | 16403 |
| *n*-valeric acid | 16404 |
| Trimethylacetic acid | 16405 |
| Caproic acid | 16406 |
| *n*-heptylic acid | 16407 |
| Caprylic acid | 16408 |
| Pelargonic acid | 16409 |
| Fluoroacetic acid | 16410 |
| Chloroacetic acid | 16411 |
| Bromoacetic acid | 16412 |
| Iodoacetic acid | 16413 |
| Dichloroacetic acid | 16414 |
| Trichloroacetic acid | 16415 |
| α-chloropropionic acid | 16416 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALIPHATIC COMPOUNDS | 16 |
| Carboxylic Acids and Esthers | 164 |
| β-chloropropionic acid | 16417 |
| Glycolic acid | 16418 |
| Lactic acid | 16419 |
| Methoxyacetic acid | 16420 |
| Thioglycolic acid | 16421 |
| Cyanoacetic acid | 16422 |
| Glyoxylic acid | 16423 |
| Acrylic acid | 16425 |
| Vinylacetic acid | 16426 |
| Phenylacetic acid | 16427 |
| Formic acid | 16428 |
| Acetic acid | 16429 |
| Crotonic acid | 16430 |
| Oxalic acid | 16431 |
| Malonic acid | 16432 |
| Succinic acid | 16433 |
| Glutaric acid | 16434 |
| Adipic acid | 16435 |
| Pimelic acid | 16436 |
| Suberic acid | 16437 |
| Azelaic acid | 16438 |
| Sebacic acid | 16439 |
| Aldehydes and Ketones | 165 |
| Caproaldehyde | 16501 |
| Heptaldehyde | 16502 |
| Hexanone-2 | 16504 |
| Hexanone-3 | 16505 |
| Di-*n*-propyl ketone | 16506 |
| Di-*iso*-propyl ketone | 16507 |
| Di-*iso*-butyl ketone | 16508 |
| Di-*n*-amyl ketone | 16509 |
| Stearone | 16510 |
| Chloroacetone | 16511 |
| Dichloroacetone | 16512 |
| Acetylacetone | 16513 |
| Mesityl oxide | 16514 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| ALIPHATIC COMPOUNDS | 16 |
| Aldehydes and Ketones | 165 |
| Phorone | 16515 |
| Cyclohexanone | 16516 |
| Acrolein | 16517 |
| Other Oxygen Compounds | 166 |
| Nitrogen Compounds | 167 |
| Tri-n-propylamine | 16701 |
| Hexylamine | 16702 |
| Laurylamine | 16703 |
| Trimethylenediamine | 16704 |
| Tetramethylenediamine | 16705 |
| Pentamethylenediamine | 16706 |
| Hexamethylenediamine | 16707 |
| Ethanolamine | 16708 |
| Diethanolamine | 16709 |
| Triethanolamine | 16710 |
| Acrylonitrile | 16711 |
| Halogen Compounds | 168 |
| Methylene iodide | 16801 |
| Bromoform | 16802 |
| Carbon tetrabromide | 16803 |
| Ethylene dibromide | 16804 |
| 1,1-dibromoethane | 16805 |
| 1,1,2,2-tetrachloroethane | 16806 |
| Hexachloroethane | 16807 |
| 1,3-dibromopropane | 16808 |
| 1,4-dibromobutane | 16809 |
| 1,5-dibromopentane | 16810 |
| 1,6-dibromohexane | 16811 |
| Miscellaneous | 169 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
AROMATIC COMPOUNDS
FAMILY (C)
1 SIMPLE AND GROSS HYDROCARBONS
2 COMPLEX HYDROCARBONS
3 PHENOLS AND ETHERS
4 CARBOXYLIC ACIDS AND ESTERS
5 ALDEHYDES AND KETONES
6 OTHER OXYGEN COMPOUNDS
7 NITROGEN COMPOUNDS
8 HALOGEN COMPOUNDS
9 MISCELLANEOUS

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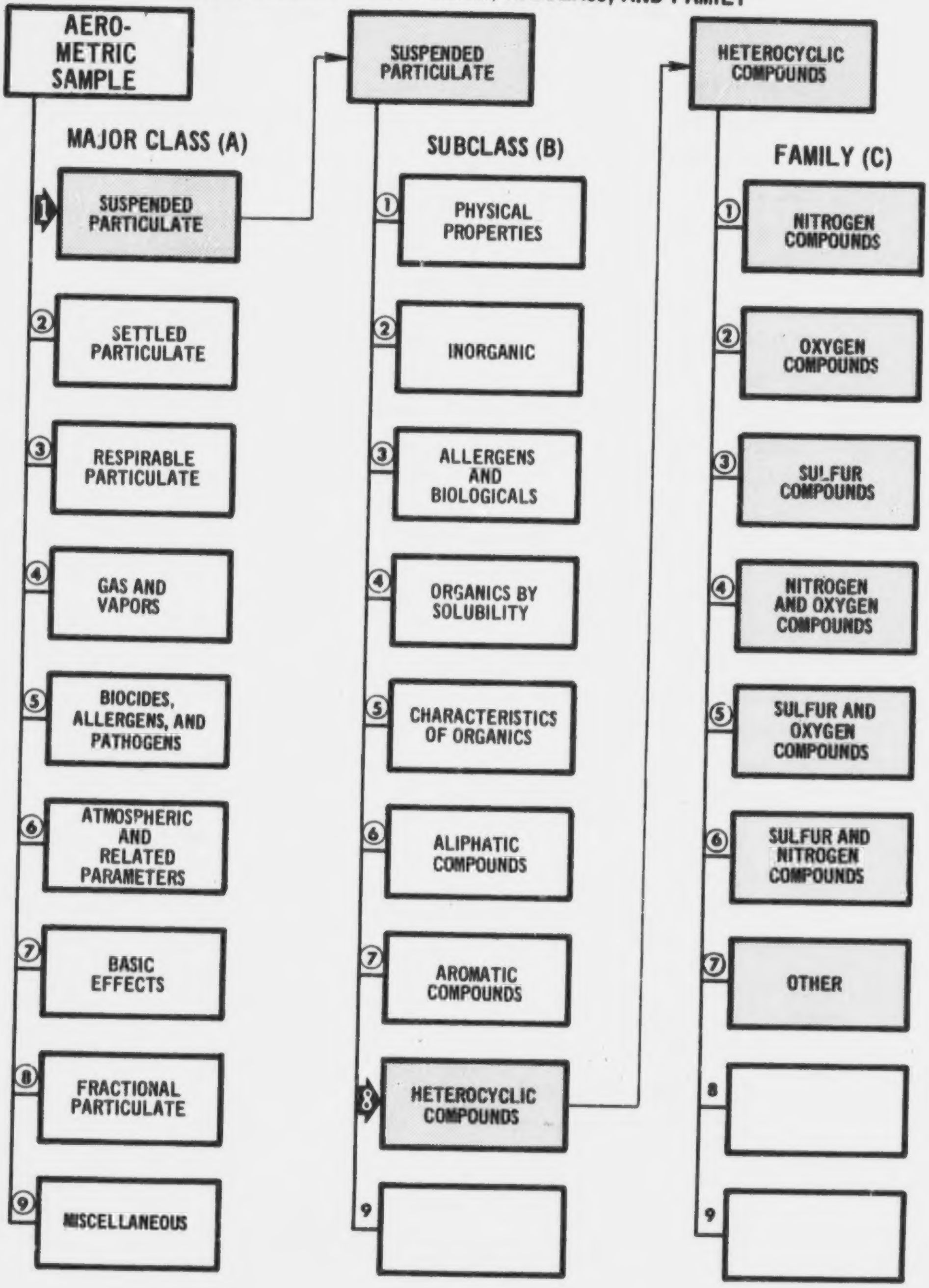
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| AROMATIC COMPOUNDS | 17 |
| Simple and Gross Hydrocarbons | 171 |
| Benzene | 17101 |
| Toluene | 17102 |
| Ethylbenzene | 17103 |
| n-propylbenzene | 17104 |
| iso-propylbenzene | 17105 |
| n-butylbenzene | 17106 |
| sec-butylbenzene | 17107 |
| tert-butylbenzene | 17108 |
| Styrene | 17109 |
| Allylbenzene | 17110 |
| o-xylene | 17111 |
| m-xylene | 17112 |
| p-xylene | 17113 |
| o-ethyltoluene | 17114 |
| m-ethyltoluene | 17115 |
| p-ethyltoluene | 17116 |
| p-cymene | 17117 |
| o-diethylbenzene | 17118 |
| m-diethylbenzene | 17119 |
| p-diethylbenzene | 17120 |
| 1,2,3-trimethylbenzene (hemimellitene) | 17121 |
| 1,2,4-trimethylbenzene (pseudocumene) | 17122 |
| 1,3,5-trimethylbenzene (mesitylene) | 17123 |
| 1,2,3,4-tetramethylbenzene (prehnitene) | 17124 |
| 1,2,3,5-tetramethylbenzene (isodurene) | 17125 |
| 1,2,4,5-tetramethylbenzene (durene) | 17126 |
| Pentamethylbenzene | 17127 |
| Hexamethylbenzene | 17128 |
| 1,3,5-triethylbenzene | 17129 |
| Diphenylmethane | 17131 |
| Triphenylmethane | 17132 |
| Tetraphenylmethane | 17133 |
| Stilbene | 17134 |
| 1,1-diphenylethane | 17135 |
| 1,2-diphenylethane | 17136 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| AROMATIC COMPOUNDS | 17 |
| Simple and Gross Hydrocarbons | 171 |
| Diphenyl | 17137 |
| *p*-terphenyl | 17138 |
| *p*-quaterphenyl | 17139 |
| 1,3,5-triphenylbenzene | 17140 |
| Naphthalene | 17141 |
| α-methylnaphthalene | 17142 |
| β-methylnaphthalene | 17143 |
| Indene | 17145 |
| Azulene | 17146 |
| Acenaphthene | 17147 |
| Acenaphthalene | 17148 |
| Fluorene | 17149 |
| Phenanthrene | 17150 |
| Anthracene | 17151 |
| 2-methylanthracene | 17152 |
| Complex Hydrocarbons | 172 |
| Fluoranthene | 17201 |
| 8-methylfluoranthene | 17202 |
| Pyrene | 17204 |
| 1-methylpyrene | 17205 |
| 4-methylpyrene | 17206 |
| 2,7-dimethylpyrene | 17207 |
| Chrysene | 17208 |
| Anthanthrene | 17210 |
| Coronene | 17211 |
| Perylene | 17212 |
| Naphthacene | 17213 |
| Benzo(c)phenanthrene | 17214 |
| Benzo(a)anthracene | 17215 |
| 11-h Benzo(b)fluorene | 17216 |
| 11-h Benzo(a)fluorene | 17217 |
| 7-h Benzo(c)fluorene | 17218 |
| Dibenzo(a,i)fluorene | 17219 |
| Benzo(b)fluoranthene | 17220 |
| Benzo(g,h,i)fluoranthene | 17221 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| AROMATIC COMPOUNDS | 17 |
| Complex Hydrocarbons | 172 |
| Benzo(j)fluoranthene | 17222 |
| Benzo(k)fluoranthene | 17223 |
| Benzo(e)pyrene | 17224 |
| Naphtho(2,3-a)pyrene | 17226 |
| Dibenzo(a,e)pyrene | 17227 |
| Dibenzo(a,i)pyrene | 17228 |
| Dibenzo(a,h)pyrene | 17229 |
| Dibenzo(b,h)phenanthrene | 17230 |
| Dibenzo(a,h)anthracene | 17231 |
| Tribenzo(a,c,h)anthracene | 17232 |
| Benzo(a)naphthacene | 17233 |
| Dibenzo(a,l)naphthacene | 17234 |
| Dibenzo(a,j)naphthacene | 17235 |
| Dibenzo(a,c)naphthacene | 17236 |
| Benzo(g,h,i)perylene | 17237 |
| Dibenzo(b,p,g,r)perylene | 17238 |
| Benzo(a)pyrene | 17242 |
| Phenols and Ethers | 173 |
| *o*-cresol | 17301 |
| *m*-cresol | 17302 |
| *p*-cresol | 17303 |
| *o*-chlorophenol | 17304 |
| *m*-chlorophenol | 17305 |
| *p*-chlorophenol | 17306 |
| *o*-bromophenol | 17307 |
| *m*-bromophenol | 17308 |
| *p*-bromophenol | 17309 |
| *o*-nitrophenol | 17310 |
| *m*-nitrophenol | 17311 |
| *p*-nitrophenol | 17312 |
| 2,4-dinitrophenol | 17313 |
| 3,5-dinitrophenol | 17314 |
| Resorcinol | 17315 |
| Hydroquinone | 17316 |
| Catechol | 17317 |
| Pyrogallol | 17318 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| AROMATIC COMPOUNDS | 17 |
| Phenols and Ethers | 173 |
| Phloroglucinol | 17319 |
| Anisole | 17340 |
| Phenetole | 17341 |
| Diphenyl ether | 17342 |
| o-anisidine | 17343 |
| p-anisidine | 17344 |
| Carboxylic Acids and Esters | 174 |
| Aldehydes and Ketones | 175 |
| Xanthen-9-one | 17501 |
| 7h-benzo(d,e)anthracene-7-one(benzanthrone) | 17502 |
| Phenalen-1-one | 17503 |
| Other Oxygen Compounds | 176 |
| Nitrogen Compounds | 177 |
| Aniline | 17701 |
| o-phenylenediamine | 17702 |
| m-phenylenediamine | 17703 |
| p-phenylenediamine | 17704 |
| o-anisidine | 17705 |
| p-anisidine | 17706 |
| o-chloroaniline | 17707 |
| m-chloroaniline | 17708 |
| p-chloroaniline | 17709 |
| o-toluidine | 17710 |
| m-toluidine | 17711 |
| p-toluidine | 17712 |
| Diphenylamine | 17713 |
| Triphenylamine | 17714 |
| Benzidine | 17715 |
| Halogen Compounds | 178 |
| Miscellaneous | 179 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SUSPENDED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
HETEROCYCLIC COMPOUNDS
FAMILY (C)
1 NITROGEN COMPOUNDS
2 OXYGEN COMPOUNDS
3 SULFUR COMPOUNDS
4 NITROGEN AND OXYGEN COMPOUNDS
5 SULFUR AND OXYGEN COMPOUNDS
6 SULFUR AND NITROGEN COMPOUNDS
7 OTHER
8
9

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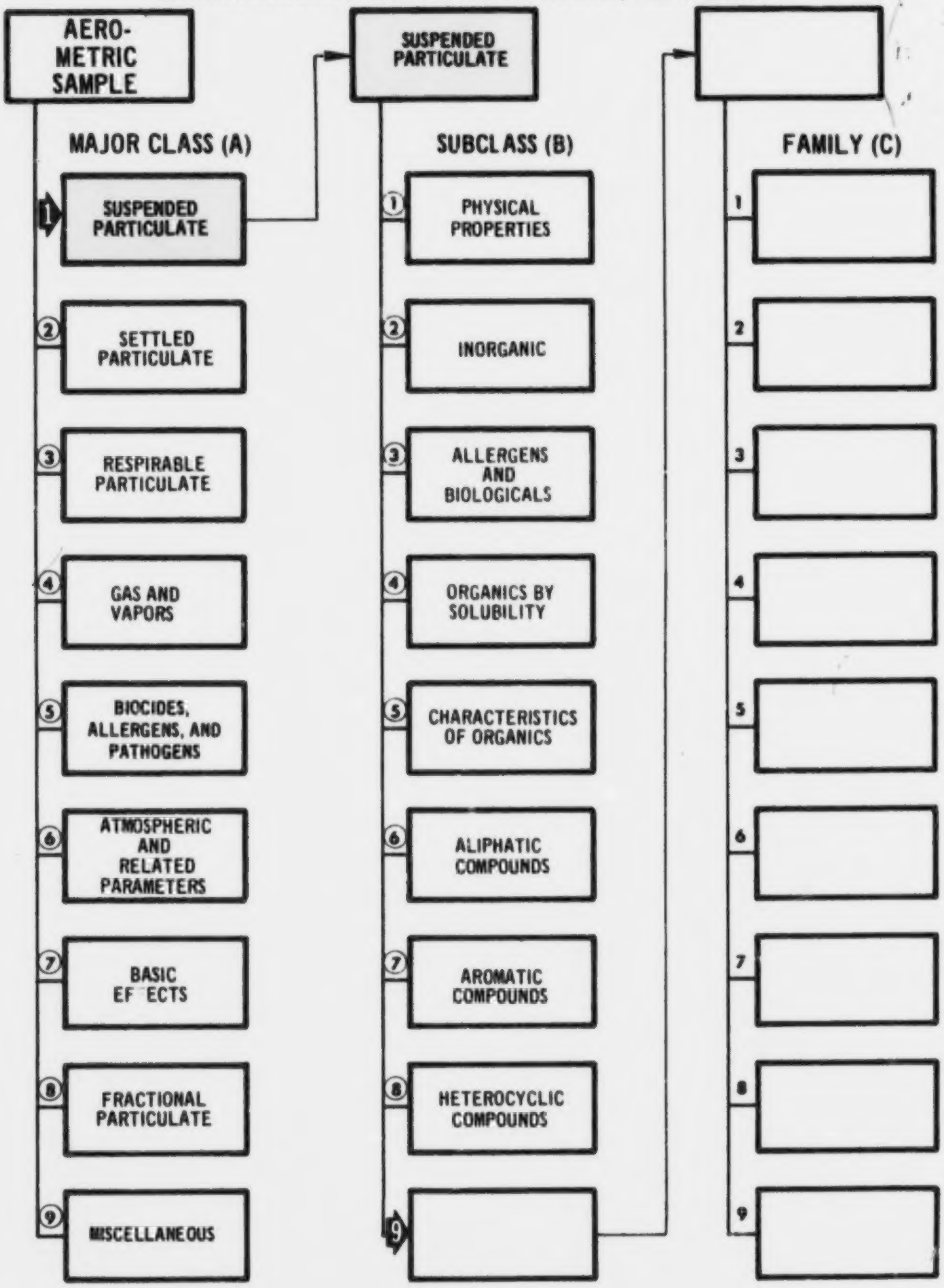
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 1 |
| HETEROCYCLIC COMPOUNDS | 18 |
| Nitrogen Compounds | 181 |
| Pyridine | 18101 |
| α-picoline | 18102 |
| β-picoline | 18103 |
| γ-picoline | 18104 |
| Quinoline | 18105 |
| Isoquinoline | 18106 |
| Quinaldine | 18107 |
| Indole | 18108 |
| Acridine | 18109 |
| Carbazole | 18110 |
| Benzo(f)quinoline | 18111 |
| Benzo(h)quinoline | 18112 |
| Phenanthridine | 18113 |
| Benz(a)acridine | 18114 |
| Benz(c)acridine | 18115 |
| 11h-benzo(a)carbazole | 18116 |
| 5h-benzo(b)carbazole | 18117 |
| 7h-benzo(b)carbazole | 18118 |
| Dibenz(a,b)acridine | 18119 |
| Dibenz(a,j)acridine | 18120 |
| Benzo(1,m,n)phenanthridine | 18121 |
| Indeno(1,2,3-i,j)isoquinoline | 18122 |
| 9-acridanone | 18123 |
| Oxygen Compounds | 182 |
| Benzofuran | 18201 |
| Dibenzofuran | 18202 |
| Furfural | 18203 |
| Sulfur Compounds | 183 |
| Nitrogen and Oxygen Compounds | 184 |
| Sulfur and Oxygen Compounds | 185 |
| Sulfur and Nitrogen Compounds | 186 |
| Other | 187 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
SUSPENDED PARTICULATE
MAJOR CLASS (A)
SUBCLASS (B)
FAMILY (C)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
1
2
3
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# SETTLED PARTICULATES

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|---|---|---|
| SETTLED PARTICULATES | 2 | 2-1 |
| PHYSICAL PROPERTIES (chart) | 21 | 2-3 |
| Weight Relationships | 211 | 2-4 |
| Optical Measurements | 212 | 2-4 |
| Radiological Data | 213 | 2-4 |
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| Group V Compounds and Ions | 223 | 2-10 |
| Group VI Compounds and Ions | 224 | 2-11 |
| Group IV Compounds and Ions | 225 | 2-11 |
| Acids and Bases | 226 | 2-12 |
| Organo-Metallic Compounds and Ions | 227 | 2-12 |
| Miscellaneous | 228 | 2-12 |
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| Pollen | 231 | 2-14 |
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| Ethyl Ether Soluble | 244 | 2-19 |
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| Water Soluble | 252 | 2-22 |
| Water Insoluble | 253 | 2-22 |
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| Acid Insoluble | 255 | 2-22 |
| Alkali Soluble | 256 | 2-22 |
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| Pollutant or parameter | Code number | Page number |
|---|---|---|
| SETTLED PARTICULATES | 2 | 2-1 |
| ALIPHATIC COMPOUNDS (chart) | 26 | 2-23 |
| Gross Hydrocarbons | 261 | 2-24 |
| Hydrocarbons | 262 | 2-24 |
| Alchols and Esters | 263 | 2-24 |
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| AROMATIC COMPOUNDS (chart) | 27 | 2-29 |
| Simple and Gross Hydrocarbons | 271 | 2-30 |
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| Other Oxygen Compounds | 276 | 2-33 |
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| HETEROCYCLIC COMPOUNDS (chart) | 28 | 2-35 |
| Nitrogen Compounds | 281 | 2-36 |
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| Sulfur and Oxygen Compounds | 285 | 2-36 |
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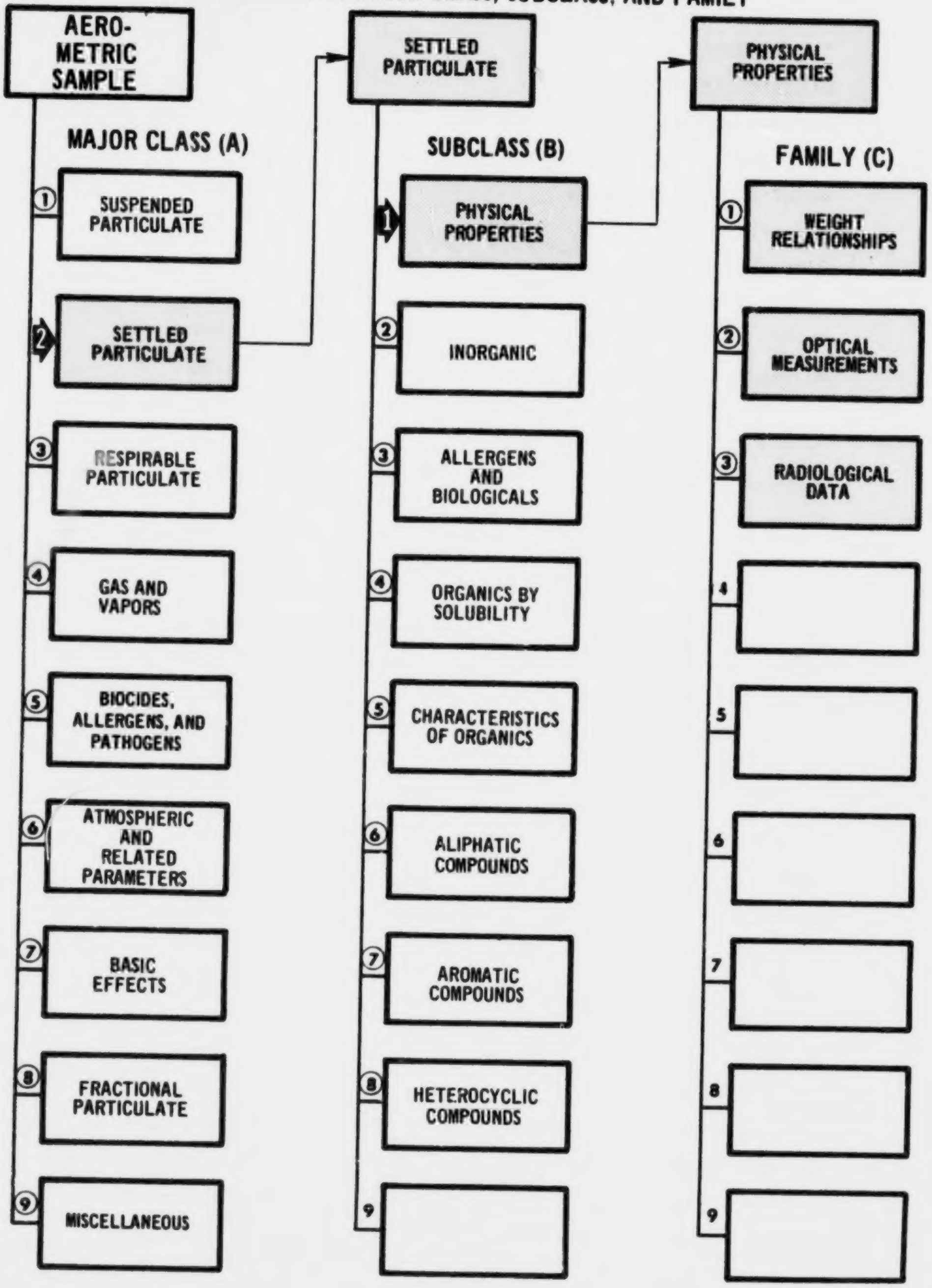
CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
PHYSICAL PROPERTIES
FAMILY (C)
① WEIGHT RELATIONSHIPS
② OPTICAL MEASUREMENTS
③ RADIOLOGICAL DATA
4
5
6
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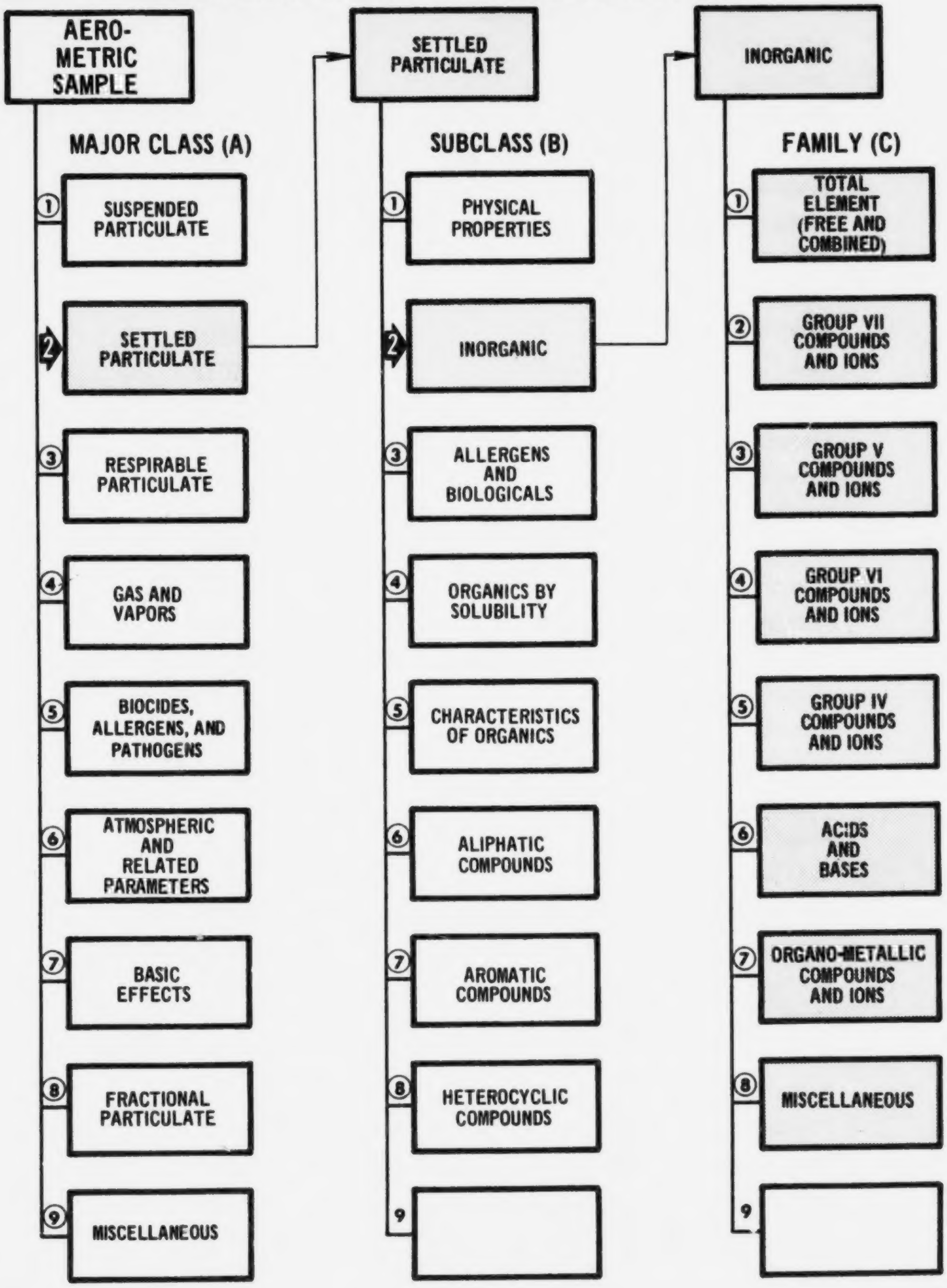
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| PHYSICAL PROPERTIES | 21 |
| Weight Relationships | 211 |
| Particulate | 21101 |
| Organic (total) fraction | 21102 |
| Benzene soluble organic fraction | 21103 |
| Polynuclear hydrocarbons | 21104 |
| Water soluble organics | 21105 |
| Amine B | 21106 |
| Strong acid | 21107 |
| Weak acid | 21108 |
| Neutral fraction | 21109 |
| Aliphatic fraction | 21110 |
| Aromatic fraction | 21111 |
| Oxygenated neutral fraction | 21112 |
| Inorganic fraction | 21113 |
| Water soluble weight | 21114 |
| Water insoluble weight | 21115 |
| Total weight ash | 21116 |
| Water soluble ash | 21117 |
| Water insoluble ash | 21118 |
| Optical Measurements | 212 |
| Transmission | 21201 |
| Reflectance | 21202 |
| Radiological Data | 213 |
| Alpha (gross) | 21301 |
| Beta (gross) | 21302 |
| Gamma | 21303 |
| Neutron | 21304 |
| Gross | 21305 |
| Argon - 41 | 21306 |
| Barium - 140 | 21307 |
| Carbon - 14 | 21308 |
| Cerium - 141 | 21309 |
| Cerium - 142 | 21310 |
| Cerium - 144 | 21311 |
| Cesium - 137 | 21312 |
| Cobalt - 60 | 21313 |
| Hydrogen - 3 | 21314 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| PHYSICAL PROPERTIES | 21 |
| Radiological Data | 213 |
| Iodine - 126 | 21315 |
| Iodine - 131 | 21316 |
| Krypton - 81-85 | 21317 |
| Lanthanum - 140 | 21318 |
| Molybdenum - 93 | 21319 |
| Niobium - 95 | 21320 |
| Palladium - 107 | 21321 |
| Plutonium - 239 | 21322 |
| Potassium - 40 | 21323 |
| Potassium - 42 | 21324 |
| Praseodymium - 144 | 21325 |
| Radium - 226 | 21326 |
| Radon - 222 | 21327 |
| Rare earth elements | 21328 |
| Rhodium - 102 | 21329 |
| Rubidium - 85 | 21330 |
| Ruthenium - 97-103 | 21331 |
| Strontium - 89 | 21332 |
| Strontium - 90 | 21333 |
| Thallium - 204 | 21334 |
| Thorium - 232 | 21335 |
| Tungsten - 138 | 21336 |
| Uranium - 235 | 21337 |
| Uranium - 238 | 21338 |
| Xenon - 133 | 21339 |
| Yttrium - 90 | 21340 |
| Zinc - 65 | 21341 |
| Lead - 210 | 21342 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
2 INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
INORGANIC
FAMILY (C)
① TOTAL ELEMENT (FREE AND COMBINED)
② GROUP VII COMPOUNDS AND IONS
③ GROUP V COMPOUNDS AND IONS
④ GROUP VI COMPOUNDS AND IONS
⑤ GROUP IV COMPOUNDS AND IONS
⑥ ACIDS AND BASES
⑦ ORGANO-METALLIC COMPOUNDS AND IONS
⑧ MISCELLANEOUS
9

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| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| INORGANIC | 22 |
| Total Element (Free and Combined) | 221 |
| Aluminum | 22101 |
| Antimony | 22102 |
| Arsenic | 22103 |
| Argon | 22104 |
| Beryllium | 22105 |
| Bismuth | 22106 |
| Barium | 22107 |
| Boron | 22108 |
| Bromine | 22109 |
| Cadmium | 22110 |
| Calcium | 22111 |
| Chromium | 22112 |
| Cobalt | 22113 |
| Copper | 22114 |
| Chlorine | 22115 |
| Carbon | 22116 |
| Cerium | 22117 |
| Cesium | 22118 |
| Dysprosium | 22119 |
| Erbium | 22120 |
| Europium | 22121 |
| Fluorine | 22122 |
| Gadolinium | 22123 |
| Gallium | 22124 |
| Germanium | 22125 |
| Iron | 22126 |
| Hafnium | 22127 |
| Lead | 22128 |
| Holmium | 22129 |
| Hydrogen | 22130 |
| Indium | 22131 |
| Manganese | 22132 |
| Iridium | 22133 |
| Molybdenum | 22134 |
| Krypton | 22135 |
| Nickel | 22136 |

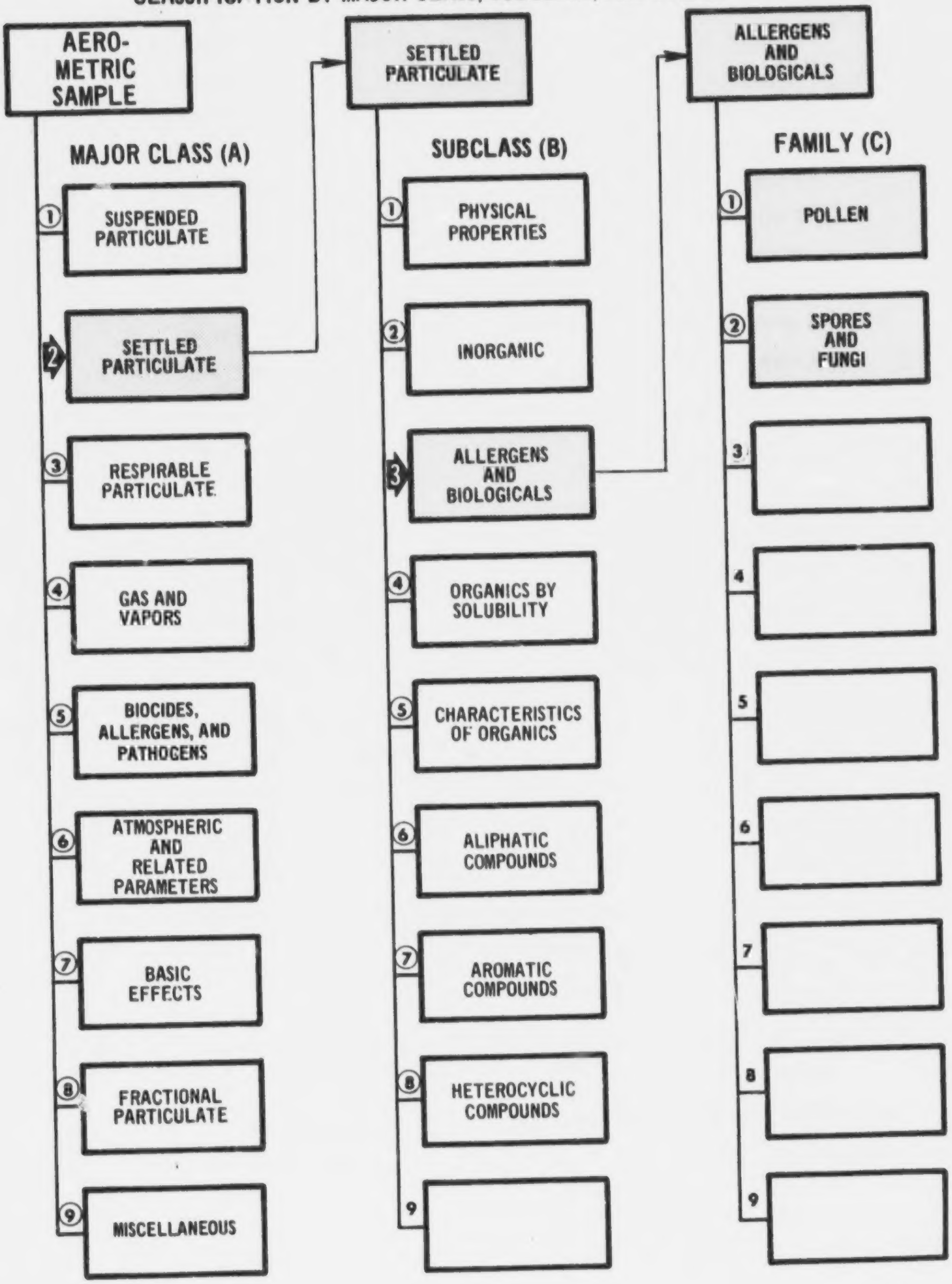
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| INORGANIC | 22 |
| Total Element (Free and Combined) | 221 |
| Helium | 22137 |
| Lithium | 22138 |
| Lutetium | 22139 |
| Magnesium | 22140 |
| Iodine | 22141 |
| Mercury | 22142 |
| Gold | 22143 |
| Neodymium | 22144 |
| Neon | 22145 |
| Lanthanum | 22146 |
| Niobium | 22147 |
| Nitrogen | 22148 |
| Osmium | 22149 |
| Oxygen | 22150 |
| Palladium | 22151 |
| Phosphorus | 22152 |
| Platinum | 22153 |
| Selenium | 22154 |
| Praseodymium | 22155 |
| Protactinium | 22156 |
| Radium | 22157 |
| Rhenium | 22158 |
| Rhodium | 22159 |
| Tin | 22160 |
| Titanium | 22161 |
| Samarium | 22162 |
| Scandium | 22163 |
| Vanadium | 22164 |
| Silicon | 22165 |
| Silver | 22166 |
| Zinc | 22167 |
| Strontium | 22168 |
| Sulfur | 22169 |
| Tantalum | 22170 |
| Tellurium | 22171 |
| Terbium | 22172 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| INORGANIC | 22 |
| Total Element (Free and Combined) | 221 |
| Thallium | 22173 |
| Thorium | 22174 |
| Thulium | 22175 |
| Rubidium | 22176 |
| Ruthenium | 22177 |
| Tungsten | 22178 |
| Uranium | 22179 |
| Potassium | 22180 |
| Xenon | 22181 |
| Ytterbium | 22182 |
| Yttrium | 22183 |
| Sodium | 22184 |
| Zirconium | 22185 |
| Group VII Compounds and Ions | 222 |
| Bromide ion | 22201 |
| Fluoride | 22202 |
| Chloride ion | 22203 |
| Iodine ion | 22204 |
| Chlorate ion | 22205 |
| Perchlorate ion | 22206 |
| Bromate ion | 22207 |
| Sodium chloride | 22210 |
| Potassium chloride | 22211 |
| Calcium chloride | 22212 |
| Ammonium chloride | 22213 |
| Sodium bromide | 22230 |
| Potassium bromide | 22231 |
| Sodium iodide | 22250 |
| Potassium iodide | 22251 |
| Potassium fluoride | 22270 |
| Sodium fluoride | 22271 |
| Sodium fluorosilicate | 22275 |
| Calcium fluorosilicate | 22276 |
| Group V Compounds and Ions | 223 |
| Ammonium ion | 22301 |
| Cyanide ion | 22304 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| INORGANIC | 22 |
| Group V Compounds and Ions | 223 |
| Nitrate ion | 22306 |
| Nitrite ion | 22309 |
| Hydrazine | 22310 |
| Hydrazoic acid | 22311 |
| Ammonium chloride | 22320 |
| Ammonium nitrate | 22321 |
| Ammonium sulfate | 22322 |
| Phosphoric acid | 22340 |
| Calcium phosphate | 22341 |
| Phosphorus pentasulfide | 22342 |
| Phosphate ion | 22345 |
| Hydrogen phosphate ion | 22346 |
| Hydrogen phosphate ion | 22347 |
| Group VI Compounds and Ions | 224 |
| Sulfide ion | 22401 |
| Sulfuric acid | 22402 |
| Sulfate ion | 22403 |
| Thiosulfate ion | 22404 |
| Sulfite ion | 22410 |
| Ferrous sulfide | 22411 |
| Ferric sulfide | 22412 |
| Ferrous sulfate | 22413 |
| Ferric sulfate | 22414 |
| Barium sulfate | 22415 |
| Chromium trioxide | 22417 |
| Sodium dichromate | 22418 |
| Zinc oxide | 22430 |
| Aluminum oxide | 22431 |
| Water | 22450 |
| Group IV Compounds and Ions | 225 |
| Carbonate ion | 22501 |
| Bicarbonate ion | 22502 |
| Carbon boride | 22510 |
| Silicon carbide | 22511 |
| Silicate ion | 22550 |
| Silicon dioxide | 22551 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| INORGANIC | 22 |
| Acids and Bases | 226 |
| Total acidity H+ | 22601 |
| Hydrogen ion concentration pH | 22602 |
| Bicarbonate ion | 22603 |
| Sulfuric acid | 22604 |
| Nitric acid | 22605 |
| Hydrochloric acid | 22606 |
| Total alkalinity | 22650 |
| Hydroxide ion concentration | 22651 |
| Carbonate ion | 22652 |
| Calcium hydroxide | 22653 |
| Organo-Metallic Compounds and Ions | 227 |
| Miscellaneous | 228 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
ALLERGENS AND BIOLOGICALS
FAMILY (C)
1 POLLEN
2 SPORES AND FUNGI
3
4
5
6
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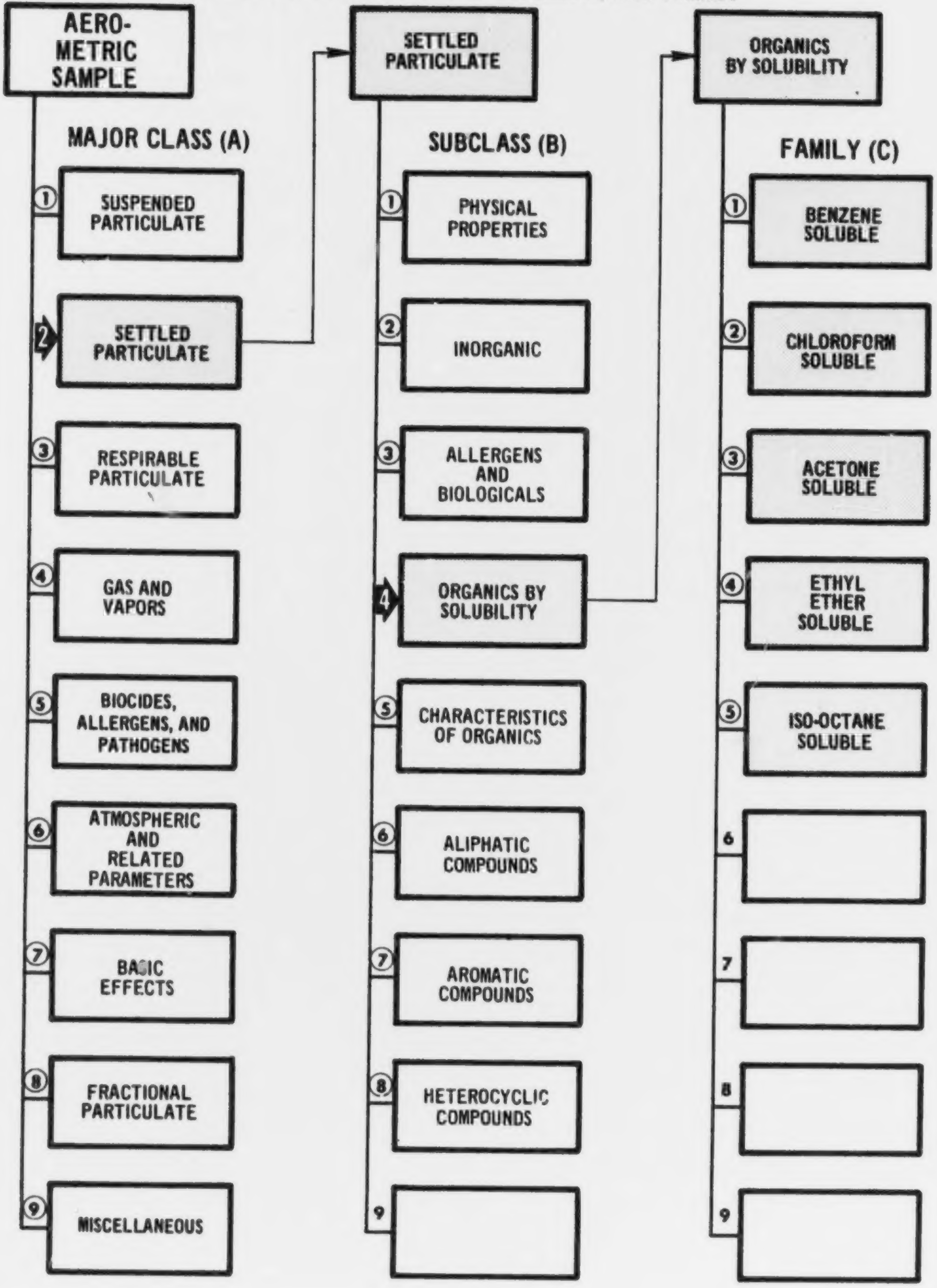
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALLERGENS AND BIOLOGICALS | 23 |
| Pollen | 231 |
| Abies | 23101 |
| Aren | 23102 |
| Amaranthacea | 23103 |
| Ambrosia | 23104 |
| Artemisia | 23105 |
| Betulaceae | 23106 |
| Carya | 23107 |
| Chenopodiaceae | 23108 |
| Cyperaceae | 23109 |
| Fagus | 23110 |
| Gramineae | 23111 |
| Iva | 23112 |
| Iva xanthifolia | 23113 |
| Juglans | 23114 |
| Juniperus | 23115 |
| Myricaceae | 23116 |
| Picea | 23117 |
| Pinus | 23118 |
| Plantago | 23119 |
| Plantanus | 23120 |
| Populus | 23121 |
| Quercus | 23122 |
| Rumex | 23123 |
| Salix | 23124 |
| Solidago | 23125 |
| Tilai | 23126 |
| Tsuga | 23127 |
| Ulmus | 23128 |
| Spores and Fungi | 232 |
| Algae spores | 23201 |
| Yeast spores (blastomycetes) | 23202 |
| Saccharomycetes | 23203 |
| Fungi spores (eumycetes) | 23204 |
| Pichia spores | 23205 |
| Schizomycetes | 23206 |
| Endomyces sp | 23207 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALLERGENS AND BIOLOGICALS | 23 |
| Spores and Fungi | 232 |
| Oospora sp | 23208 |
| Phycomycetes | 23209 |
| Basidiomycetes | 23210 |
| Ascomycetes | 23211 |
| Fungi imperfecti | 23212 |
| Mucedinaceae | 23213 |
| Dematiaceae | 23214 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
ORGANICS BY SOLUBILITY
FAMILY (C)
① BENZENE SOLUBLE
② CHLOROFORM SOLUBLE
③ ACETONE SOLUBLE
④ ETHYL ETHER SOLUBLE
⑤ ISO-OCTANE SOLUBLE
6
7
8
9

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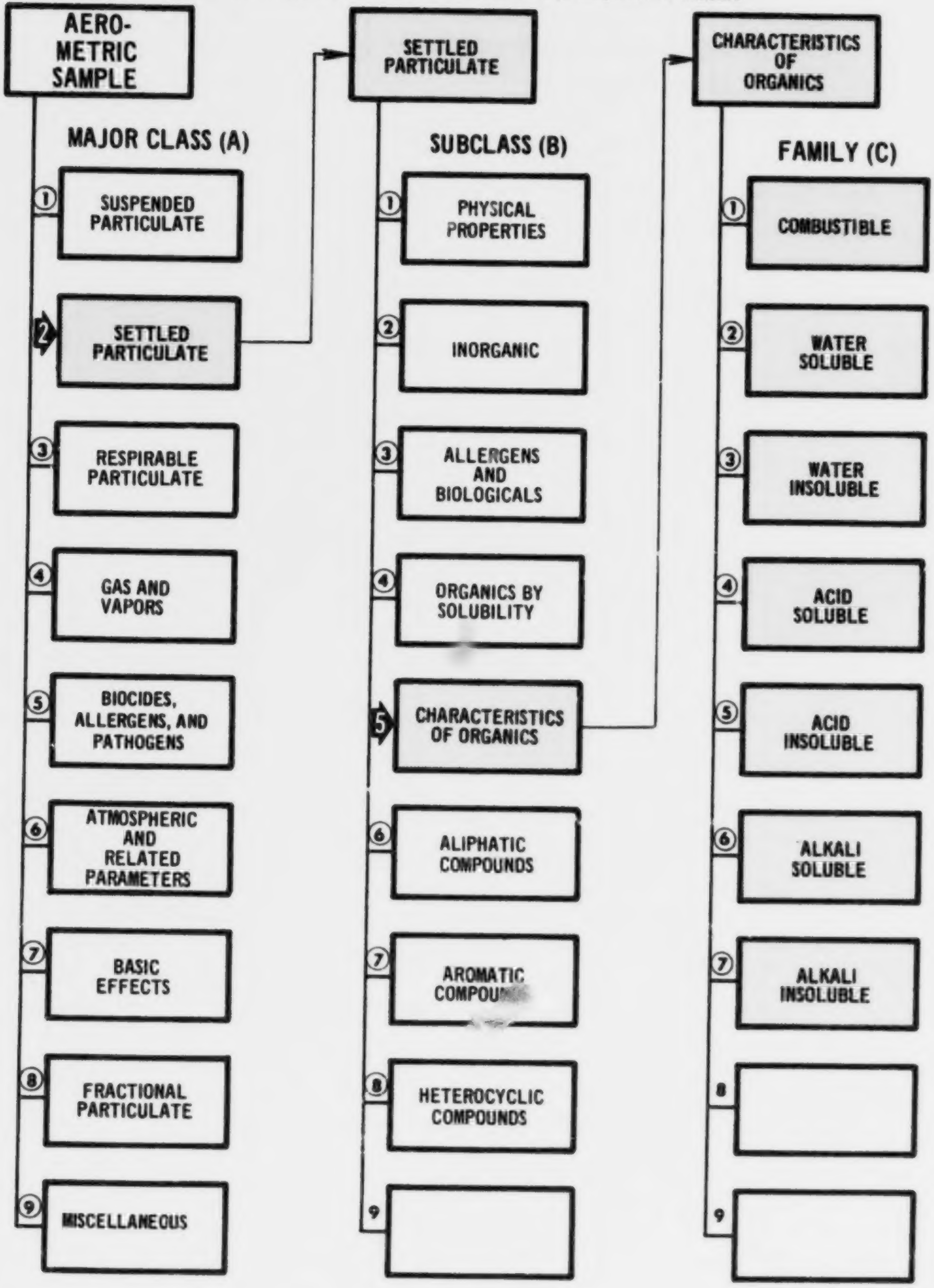
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ORGANICS BY SOLUBILITY | 24 |
| Benzene Soluble | 241 |
| Total benzene soluble organics | 24101 |
| Aliphatic fraction | 24102 |
| Aromatic fraction | 24103 |
| Acid extract fraction | 24104 |
| Amine group fraction | 24105 |
| Neutral fraction | 24106 |
| Weak acid fraction | 24107 |
| Strong acid fraction | 24108 |
| Water soluble fraction | 24109 |
| Water-ether insoluble | 24110 |
| Oxygenated fraction | 24111 |
| Chloroform Soluble | 242 |
| Total chloroform soluble organics | 24201 |
| Aliphatic fraction | 24202 |
| Aromatic fraction | 24203 |
| Acid extract fraction | 24204 |
| Amine group fraction | 24205 |
| Neutral fraction | 24206 |
| Weak acid fraction | 24207 |
| Strong acid fraction | 24208 |
| Water soluble fraction | 24209 |
| Water-ether insoluble | 24210 |
| Oxygenated fraction | 24211 |
| Acetone Soluble | 243 |
| Total acetone soluble organics | 24301 |
| Aliphatic fraction | 24302 |
| Aromatic fraction | 24303 |
| Acid extract fraction | 24304 |
| Amine group fraction | 24305 |
| Neutral fraction | 24306 |
| Weak acid fraction | 24307 |
| Strong acid fraction | 24308 |
| Water soluble fraction | 24309 |
| Water-ether insoluble | 24310 |
| Oxygenated fraction | 24311 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ORGANICS BY SOLUBILITY | 24 |
| Ethyl Ether Soluble | 244 |
| Total ethyl ether soluble organics | 24401 |
| Aliphatic fraction | 24402 |
| Aromatic fraction | 24403 |
| Acid extract fraction | 24404 |
| Amine group fraction | 24405 |
| Neutral fraction | 24406 |
| Weak acid fraction | 24407 |
| Strong acid fraction | 24408 |
| Water soluble fraction | 24409 |
| Water-ether insoluble | 24410 |
| Oxygenated fraction | 24411 |
| _Iso_-Octane Soluble | 245 |
| Total _iso_-octane soluble organics | 24501 |
| Aliphatic fraction | 24502 |
| Aromatic fraction | 24503 |
| Acid extract fraction | 24504 |
| Amine group fraction | 24505 |
| Neutral fraction | 24506 |
| Weak acid fraction | 24507 |
| Strong acid fraction | 24508 |
| Water soluble fraction | 24509 |
| Water-ether insoluble | 24510 |
| Oxygenated fraction | 24511 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
CHARACTERISTICS OF ORGANICS
FAMILY (C)
① COMBUSTIBLE
② WATER SOLUBLE
③ WATER INSOLUBLE
④ ACID SOLUBLE
⑤ ACID INSOLUBLE
⑥ ALKALI SOLUBLE
⑦ ALKALI INSOLUBLE
8
9

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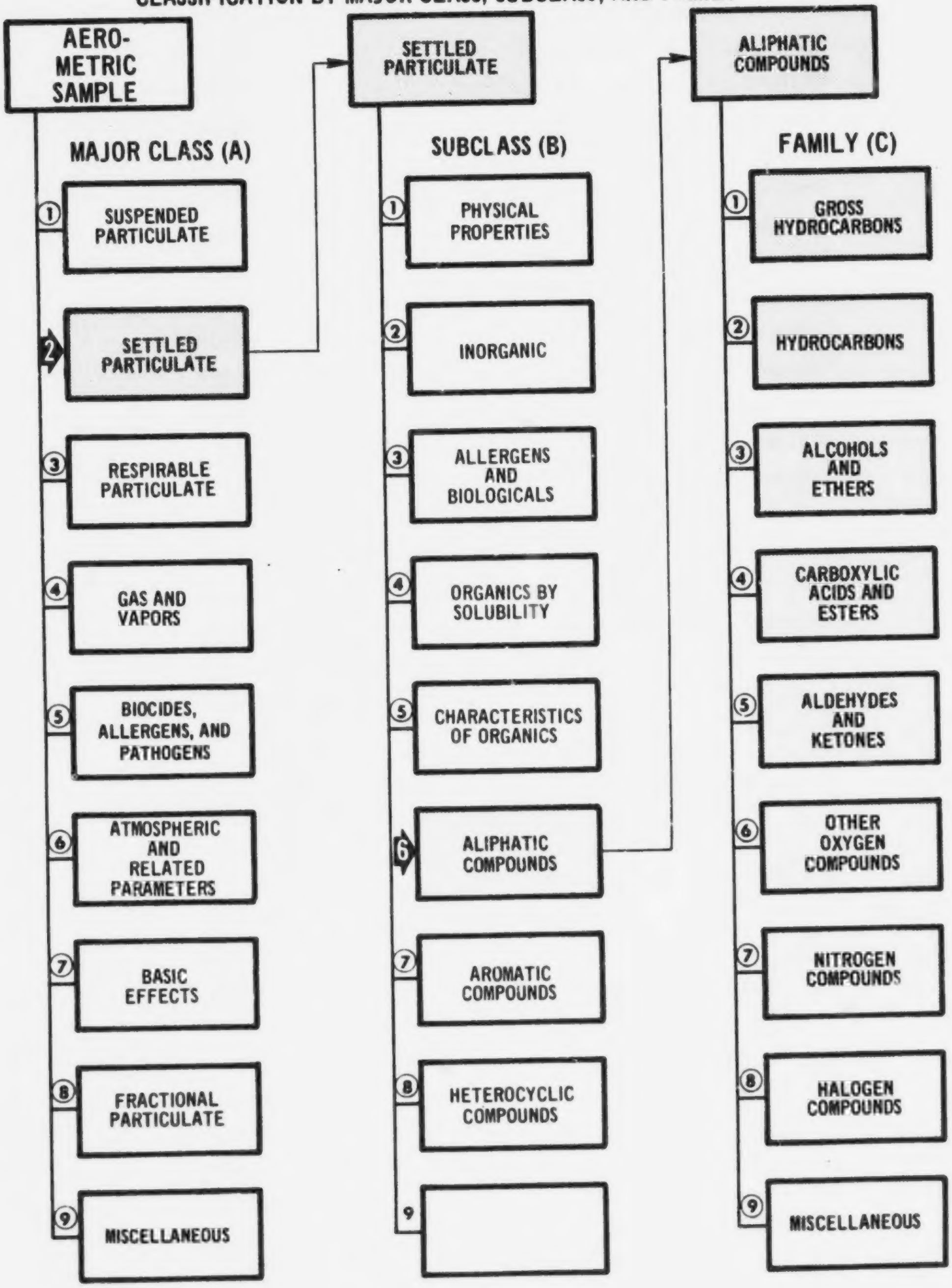
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| CHARACTERISTICS OF ORGANICS | 25 |
| Combustible | 251 |
| Loss on 500 degrees centigrade ignition | 25101 |
| Residue after ignition | 25102 |
| Water Soluble | 252 |
| Water Insoluble | 253 |
| Acid Soluble | 254 |
| Acid Insoluble | 255 |
| Alkali Soluble | 256 |
| Alkali Insoluble | 257 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
ALIPHATIC COMPOUNDS
FAMILY (C)
① GROSS HYDROCARBONS
② HYDROCARBONS
③ ALCOHOLS AND ETHERS
④ CARBOXYLIC ACIDS AND ESTERS
⑤ ALDEHYDES AND KETONES
⑥ OTHER OXYGEN COMPOUNDS
⑦ NITROGEN COMPOUNDS
⑧ HALOGEN COMPOUNDS
⑨ MISCELLANEOUS

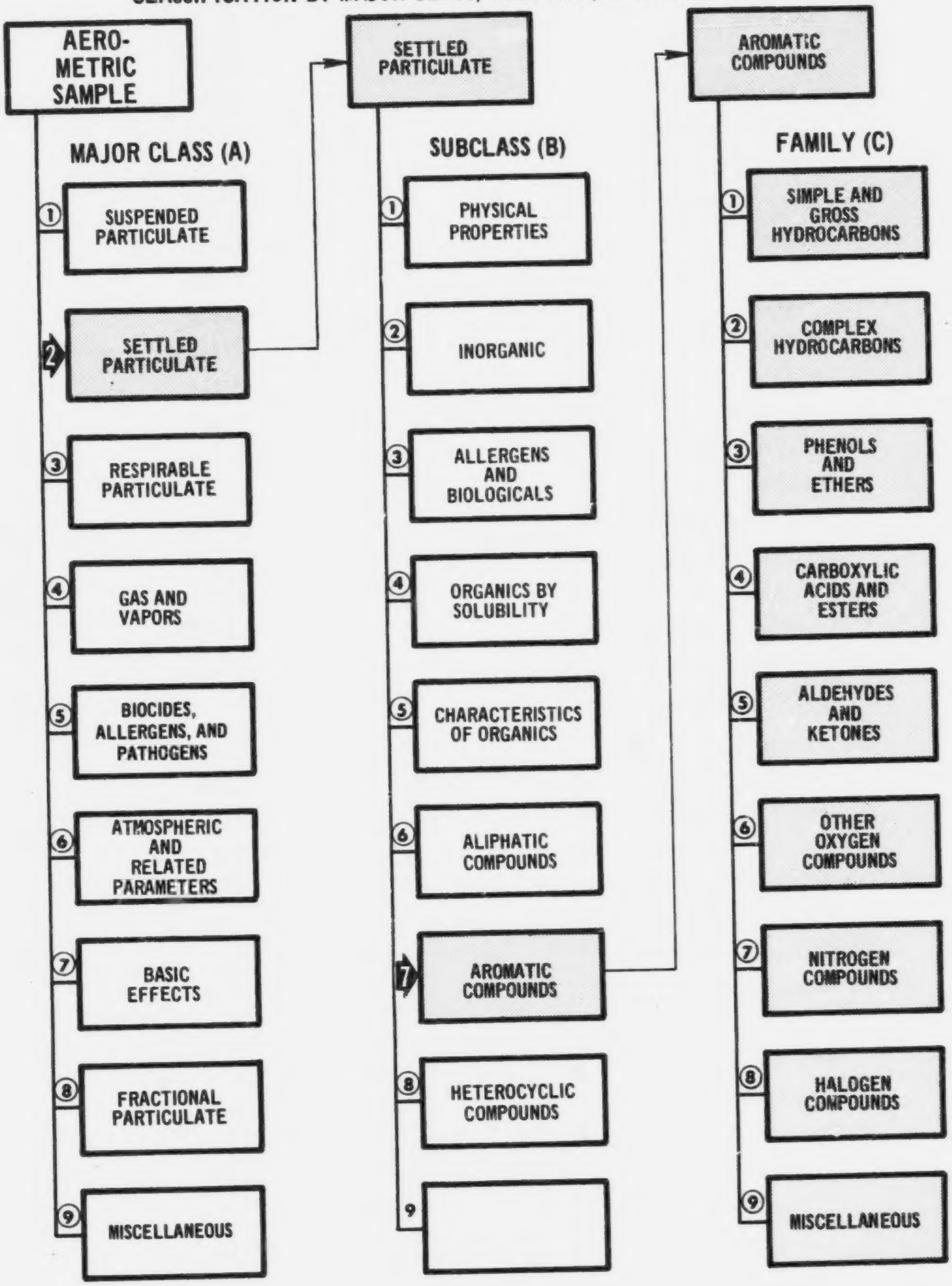
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALIPHATIC COMPOUNDS | 26 |
| Gross Hydrocarbons | 261 |
| Hydrocarbons | 262 |
| Heptane | 26201 |
| Octane | 26202 |
| Nonane | 26203 |
| Decane | 26204 |
| Undecane | 26205 |
| Dodecane | 26206 |
| Tridecane | 26207 |
| Tetradecane | 26208 |
| Pentadecane | 26209 |
| Hexadecane | 26210 |
| Heptadecane | 26211 |
| Octadecane | 26212 |
| Nonadecane | 26213 |
| Eicosane | 26214 |
| Hemeicosane | 26215 |
| Docosane | 26216 |
| Tricosane | 26217 |
| Tetracosane | 26218 |
| Pentacosane | 26219 |
| Hexacosane | 26220 |
| Heptacosane | 26221 |
| Octacosane | 26222 |
| Cyclohexane | 26223 |
| Cycloheptane | 26224 |
| Cyclooctane | 26225 |
| Heptene-1 | 26226 |
| Octene-1 | 26227 |
| Alcohols and Ethers | 263 |
| Butyl alcohol | 26301 |
| *iso*-butyl alcohol | 26302 |
| *sec*-butyl alcohol | 26303 |
| *tert*-butyl alcohol | 26304 |
| *n*-amyl alcohol | 26305 |
| *iso*-amyl alcohol | 26306 |
| *tert*-amyl alcohol | 26307 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALIPHATIC COMPOUNDS | 26 |
| Alcohols and Ethers | 263 |
| *n*-hexyl alcohol | 26308 |
| Cyclohexanol | 26309 |
| *n*-octyl alcohol | 26310 |
| Capryl alcohol (octanol-2) | 26311 |
| Decyl alcohol | 26312 |
| Lauryl alcohol | 26313 |
| Myristyl alcohol | 26314 |
| Cetyl alcohol | 26315 |
| Stearyl alcohol | 26316 |
| Di-*n*-butyl ether | 26340 |
| Di-*n*-amyl ether | 26341 |
| Di-*iso*-amyl ether | 26342 |
| Di-*n*-hexyl ether | 26343 |
| Di-chloromethyl ether | 26344 |
| Di-(β-chloroethyl) ether | 26346 |
| Ethylene glycol dimethyl ether | 26347 |
| Divinyl ether | 26348 |
| Diallyl ether | 26349 |
| Carboxylic Acids and Esters | 264 |
| Propionic acid | 26401 |
| *n*-butyric acid | 26402 |
| *iso*-butyric acid | 26403 |
| *n*-valeric acid | 26404 |
| Trimethylacetic acid | 26405 |
| Caproic acid | 26406 |
| *n*-heptylic acid | 26407 |
| Caprylic acid | 26408 |
| Pelargonic acid | 26409 |
| Fluoracetic acid | 26410 |
| Chloroacetic acid | 26411 |
| Bromoacetic acid | 26412 |
| Iodoacetic acid | 26413 |
| Dichloroacetic acid | 26414 |
| Trichloroacetic acid | 26415 |
| α-chloropropionic acid | 26416 |
| β-chloropropionic acid | 26417 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALIPHATIC COMPOUNDS | 26 |
| Carboxylic Acids and Esters | 264 |
| Glycolic acid | 26418 |
| Lactic acid | 26419 |
| Ethoxyacetic acid | 26420 |
| Thioglycolic acid | 26421 |
| Cyanoacetic acid | 26422 |
| Glyoxylic acid | 26423 |
| Acrylic acid | 26425 |
| Vinylacetic acid | 26426 |
| Phenylacetic acid | 26427 |
| Formic acid | 26428 |
| Acetic acid | 26429 |
| Crotonic acid | 26430 |
| Oxalic acid | 26431 |
| Malonic acid | 26432 |
| Succinic acid | 26433 |
| Glutaric acid | 26434 |
| Adipic acid | 26435 |
| Pimelic acid | 26436 |
| Suberic acid | 26437 |
| Azelaic acid | 26438 |
| Sebacic acid | 26439 |
| Aldehydes and Ketones | 265 |
| Caproaldehyde | 26501 |
| Heptaldehyde | 26502 |
| Hexanone-2 | 26504 |
| Hexanone-3 | 26505 |
| Di-n-propyl ketone | 26506 |
| Di-iso-propyl ketone | 26507 |
| Di-iso-butyl ketone | 26508 |
| Di-n-amyl ketone | 26509 |
| Stearone | 26510 |
| Chloroacetone | 26511 |
| Dichloroacetone | 26512 |
| Acetylacetone | 26513 |
| Mesityl oxide | 26514 |
| Phorone | 26515 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| ALIPHATIC COMPOUNDS | 26 |
| Aldehydes and Ketones | 265 |
| Cyclohexanone | 26516 |
| Acrolein | 26517 |
| Other Oxygen Compounds | 266 |
| Nitrogen Compounds | 267 |
| Tri-_n_-propylamine | 26701 |
| Hexylamine | 26702 |
| Laurylamine | 26703 |
| Trimethylenediamine | 26704 |
| Tetramethylenediamine | 26705 |
| Pentamethylenediamine | 26706 |
| Hexamethylenediamine | 26707 |
| Ethanolamine | 26708 |
| Diethanolamine | 26709 |
| Triethanolamine | 26710 |
| Acrylonitrile | 26711 |
| Halogen Compounds | 268 |
| Methylene iodide | 26801 |
| Bromoform | 26802 |
| Carbon tetrabromide | 26803 |
| Ethylene dibromide | 26804 |
| 1,1-dibromoethane | 26805 |
| 1,1,2,2-tetrachloroethane | 26806 |
| Hexachloroethane | 26807 |
| 1,3-dibromopropane | 26808 |
| 1,4-dibromobutane | 26809 |
| 1,5-dibromopentane | 26810 |
| 1,6-dibromohexane | 26811 |
| Miscellaneous | 269 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
AROMATIC COMPOUNDS
FAMILY (C)
1 SIMPLE AND GROSS HYDROCARBONS
2 COMPLEX HYDROCARBONS
3 PHENOLS AND ETHERS
4 CARBOXYLIC ACIDS AND ESTERS
5 ALDEHYDES AND KETONES
6 OTHER OXYGEN COMPOUNDS
7 NITROGEN COMPOUNDS
8 HALOGEN COMPOUNDS
9 MISCELLANEOUS

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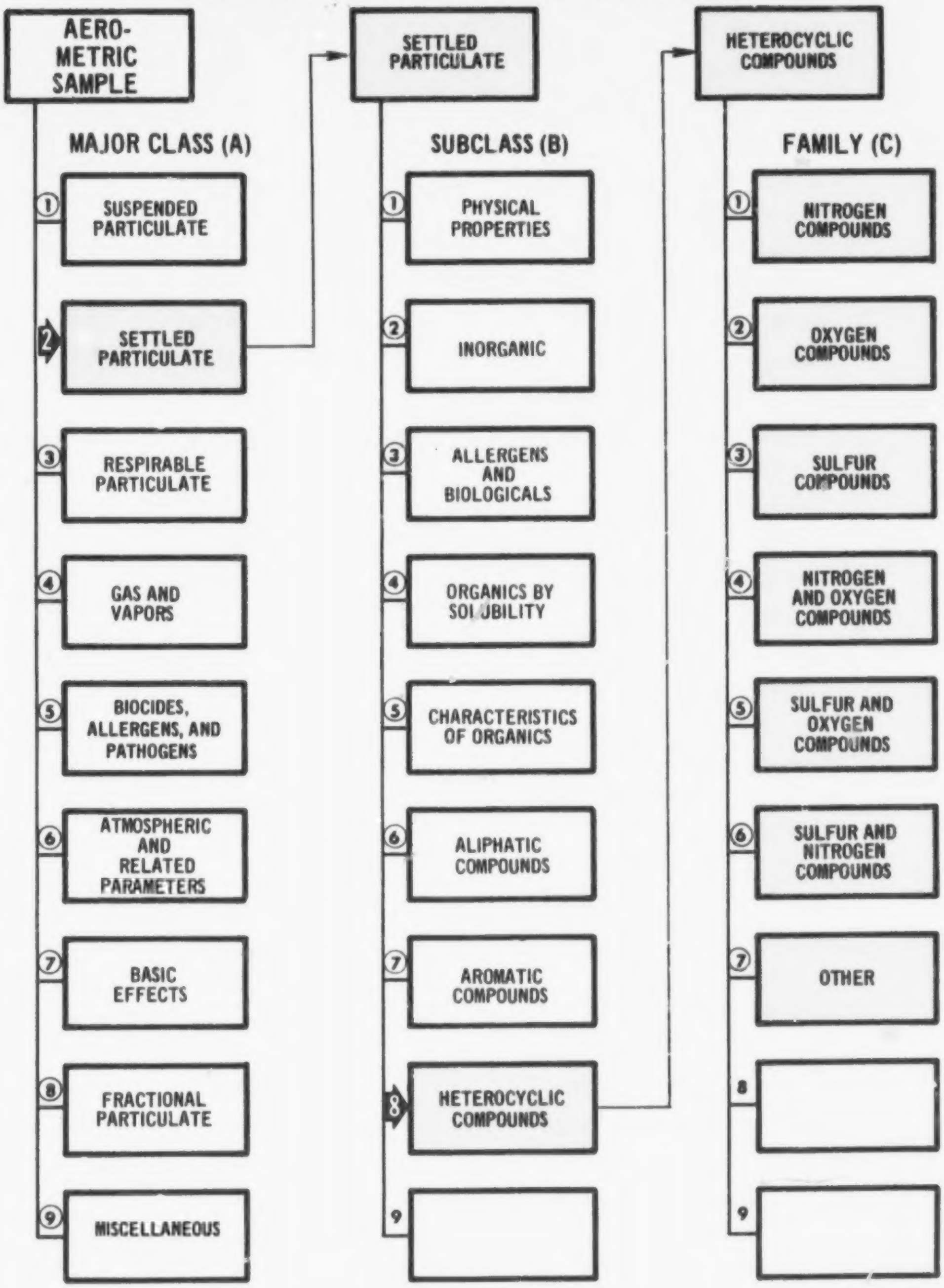
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SUSPENDED PARTICULATES | 2 |
| AROMATIC COMPOUNDS | 27 |
| Simple and Gross Hydrocarbons | 271 |
| Benzene | 27101 |
| Toluene | 27102 |
| Ethylbenzene | 27103 |
| n-propylbenzene | 27104 |
| iso-propylbenzene | 27105 |
| n-butylbenzene | 27106 |
| sec-butylbenzene | 27107 |
| tert-butylbenzene | 27108 |
| Styrene | 27109 |
| Allylbenzene | 27110 |
| o-xylene | 27111 |
| m-xylene | 27112 |
| p-xylene | 27113 |
| o-ethyltoluene | 27114 |
| m-ethyltoluene | 27115 |
| p-ethyltoluene | 27116 |
| p-cymene | 27117 |
| o-diethylbenzene | 27118 |
| m-diethylbenzene | 27119 |
| p-diethylbenzene | 27120 |
| 1,2,3-trimethylbenzene (hemimellitene) | 27121 |
| 1,2,4-trimethylbenzene (pseudocumene) | 27122 |
| 1,3,5-trimethylbenzene (mesitylene) | 27123 |
| 1,2,3,4-tetramethylbenzene (prehnitene) | 27124 |
| 1,2,3,5-tetramethylbenzene (isodurene) | 27125 |
| 1,2,4,5-tetramethylbenzene (durene) | 27126 |
| Pentamethylbenzene | 27127 |
| Hexamethylbenzene | 27128 |
| 1,3,5-triethylbenzene | 27129 |
| Diphenylmethane | 27131 |
| Triphenylmethane | 27132 |
| Tetraphenylmethane | 27133 |
| Stilbene | 27134 |
| 1,1-diphenylethane | 27135 |
| 1,2-diphenylethane | 27136 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| AROMATIC COMPOUNDS | 27 |
| Simple and Gross Hydrocarbons | 271 |
| Diphenyl | 27137 |
| p-terphenyl | 27138 |
| p-quaterphenyl | 27139 |
| 1,3,5-triphenylbenzene | 27140 |
| Napthalene | 27141 |
| α-methylnaphthalene | 27142 |
| β-methylnaphthalene | 27143 |
| Indene | 27145 |
| Azulene | 27146 |
| Acenaphthene | 27147 |
| Acenaphthalene | 27148 |
| Fluorene | 27149 |
| Phenanthrene | 27150 |
| Anthracene | 27151 |
| 2-methylanthracene | 27152 |
| Complex Hydrocarbons | 272 |
| Fluoranthene | 27201 |
| 8-methylfluoranthene | 27202 |
| Pyrene | 27204 |
| 1-methylpyrene | 27205 |
| 4-methylpyrene | 27206 |
| 2,7-dimethylpyrene | 27207 |
| Chrysene | 27208 |
| Anthanthrene | 27210 |
| Coronene | 27211 |
| Perylene | 27212 |
| Naphthacene | 27213 |
| Benzo(c)phenanthrene | 27214 |
| Benzo(a)anthracene | 27215 |
| 11h-benzo(b)fluorene | 27216 |
| 11h-benzo(a)fluorene | 27217 |
| 7h-benzo(c)fluorene | 27218 |
| Dibenzo(a,i)fluorene | 27219 |
| Benzo(b)fluoranthene | 27220 |
| Benzo(g,h,i)fluoranthene | 27221 |
| Benzo(j)fluoranthene | 27222 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| AROMATIC COMPOUNDS | 27 |
| Complex Hydrocarbons | 272 |
| Benzo(k)fluoranthene | 27223 |
| Benzo(e)pyrene | 27224 |
| Naphtho(2,3-a)pyrene | 27226 |
| Dibenzo(a,e)pyrene | 27227 |
| Dibenzo(a,i)pyrene | 27228 |
| Dibenzo(a,h)pyrene | 27229 |
| Dibenzo(b,h)phenanthrene | 27230 |
| Dibenzo(a,h)anthracene | 27231 |
| Tribenzo(a,c,h)anthracene | 27232 |
| Benzo(a)naphthacene | 27233 |
| Dibenzo(a,l)naphthacene | 27234 |
| Dibenzo(a,j)naphthacene | 27235 |
| Dibenzo(a,c)naphthacene | 27236 |
| Benzo(g,h,i)perylene | 27237 |
| Dibenzo(b,p,g,r)perylene | 27238 |
| Benzo(a)pyrene | 27242 |
| Phenols and Ethers | 273 |
| o-cresol | 27301 |
| m-cresol | 27302 |
| p-cresol | 27303 |
| o-chlorophenol | 27304 |
| m-chlorophenol | 27305 |
| p-chlorophenol | 27306 |
| o-bromophenol | 27307 |
| m-bromophenol | 27308 |
| p-bromophenol | 27309 |
| o-nitrophenol | 27310 |
| m-nitrophenol | 27311 |
| p-nitrophenol | 27312 |
| 2,4-dinitrophenol | 27313 |
| 3,5-dinitrophenol | 27314 |
| Resorcinol | 27315 |
| Hydroquinone | 27316 |
| Catechol | 27317 |
| Pyrogallol | 27318 |
| Phloroglucinol | 27319 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| AROMATIC COMPOUNDS | 27 |
| Phenols and Ethers | 273 |
| Anisole | 27340 |
| Phenetole | 27341 |
| Diphenyl ether | 27342 |
| *o*-anisidine | 27343 |
| *p*-anisidine | 27344 |
| Carboxylic Acids and Esters | 274 |
| Aldehydes and Ketones | 275 |
| Xanthen-9-one | 27501 |
| 7h-benzo(d,e)anthracene-7-one(benzanthrone) | 27502 |
| Phenalen-1-one | 27503 |
| Other Oxygen Compounds | 276 |
| Nitrogen Compounds | 277 |
| Aniline | 27701 |
| *o*-phenylenediamine | 27702 |
| *m*-phenylenediamine | 27703 |
| *p*-phenylenediamine | 27704 |
| *o*-anisidine | 27705 |
| *p*-anisidine | 27706 |
| *o*-chloroaniline | 27707 |
| *m*-chloroaniline | 27708 |
| *p*-chloroaniline | 27709 |
| *o*-toluidine | 27710 |
| *m*-toluidine | 27711 |
| *p*-toluidine | 27712 |
| Diphenylamine | 27713 |
| Triphenylamine | 27714 |
| Benzidine | 27715 |
| Halogen Compounds | 278 |
| Miscellaneous | 279 |



CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY

AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
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⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
HETEROCYCLIC COMPOUNDS
FAMILY (C)
① NITROGEN COMPOUNDS
② OXYGEN COMPOUNDS
③ SULFUR COMPOUNDS
④ NITROGEN AND OXYGEN COMPOUNDS
⑤ SULFUR AND OXYGEN COMPOUNDS
⑥ SULFUR AND NITROGEN COMPOUNDS
⑦ OTHER
8
9

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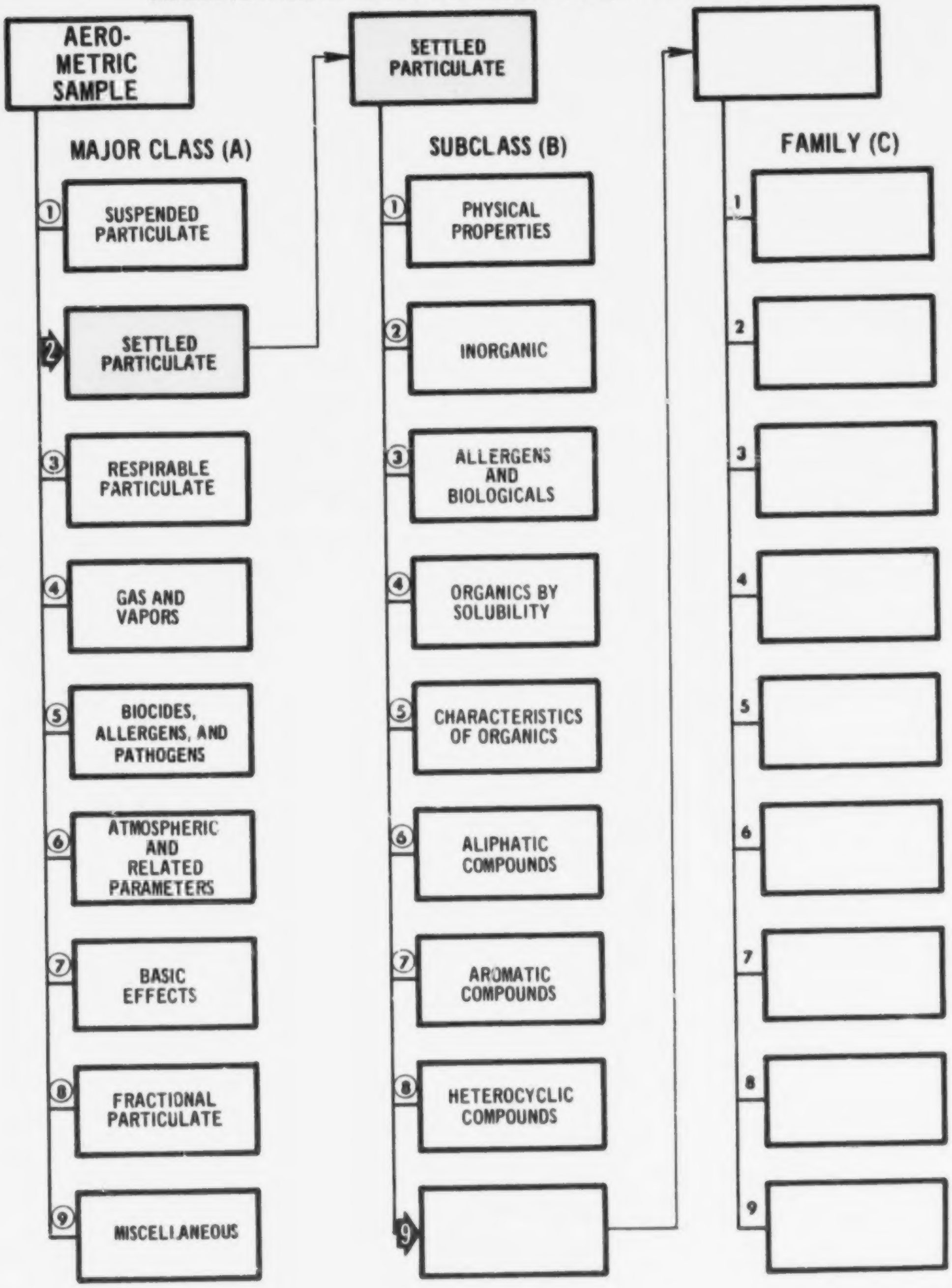
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| SETTLED PARTICULATES | 2 |
| HETEROCYCLIC COMPOUNDS | 28 |
| Nitrogen Compounds | 281 |
| Pyridine | 28101 |
| α-picoline | 28102 |
| β-picoline | 28103 |
| γ-picoline | 28104 |
| Quinoline | 28105 |
| Isoquinoline | 28106 |
| Quinaldine | 28107 |
| Indole | 28108 |
| Acridine | 28109 |
| Carbazole | 28110 |
| Benzo(f)quinoline | 28111 |
| Benzo(h)quinoline | 28112 |
| Phenanthridine | 28113 |
| Benz(a)acridine | 28114 |
| Benz(c)acridine | 28115 |
| 11h-benzo(a)carbazole | 28116 |
| 5h-benzo(b)carbazole | 28117 |
| 7h-benzo(b)carbazole | 28118 |
| Dibenz(a,b)acridine | 28119 |
| Dibenz(a,j)acridine | 28120 |
| Benzo(l,m,n)phenanthridine | 28121 |
| Indeno(1,2,3-i,j)isoquiniline | 28122 |
| 9-acridanone | 28123 |
| Oxygen Compounds | 282 |
| Benzofuran | 28201 |
| Dibenzofuran | 28202 |
| Furfural | 28203 |
| Sulfur Compounds | 283 |
| Nitrogen and Oxygen Compounds | 284 |
| Sulfur and Oxygen Compounds | 285 |
| Sulfur and Nitrogen Compounds | 286 |
| Other | 287 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
SETTLED PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
FAMILY (C)
1
2
3
4
5
6
7
8
9

# RESPIRABLE PARTICULATES

| Pollutant or Parameter | Code number | Page number |
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| Pollutant or Parameter | Code number | Page number |
|---|---|---|
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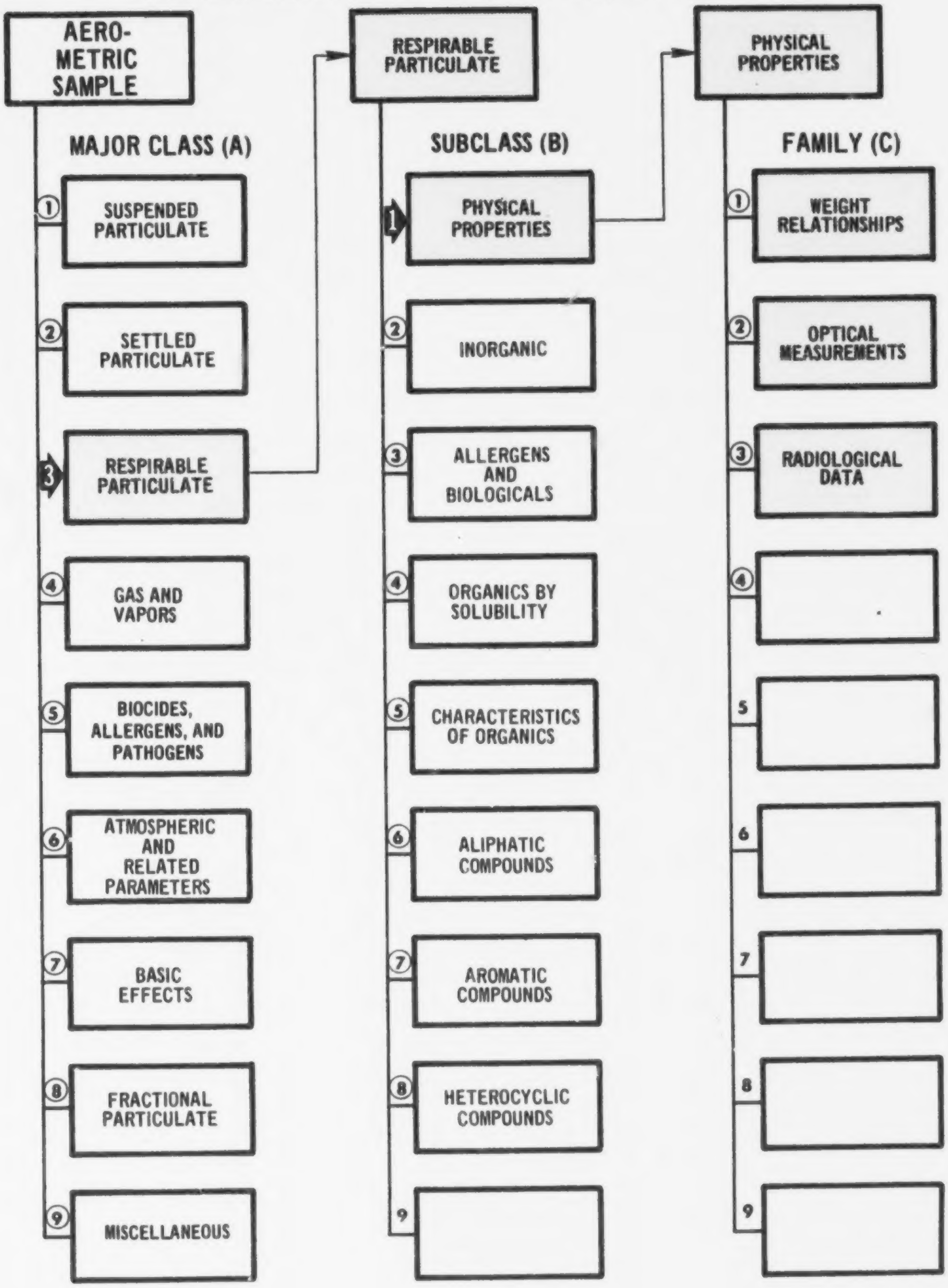
| Phenols and Ethers | 373 | 3-32 |
| Carboxylic Acids and Esters | 374 | 3-33 |
| Aldehydes and Ketones | 375 | 3-33 |
| Other Oxygen Compounds | 376 | 3-33 |
| Nitrogen Compounds | 377 | 3-33 |
| Halogen Compounds | 378 | 3-33 |
| Miscellaneous | 379 | 3-33 |
| HETEROCYCLIC COMPOUNDS (chart) | 38 | 3-35 |
| Nitrogen Compounds | 381 | 3-36 |
| Oxygen Compounds | 382 | 3-36 |
| Sulfur Compounds | 383 | 3-36 |
| Nitrogen and Oxygen Compounds | 384 | 3-36 |
| Sulfur and Oxygen Compounds | 385 | 3-36 |
| Sulfur and Nitrogen Compounds | 386 | 3-36 |
| Other | 387 | 3-36 |

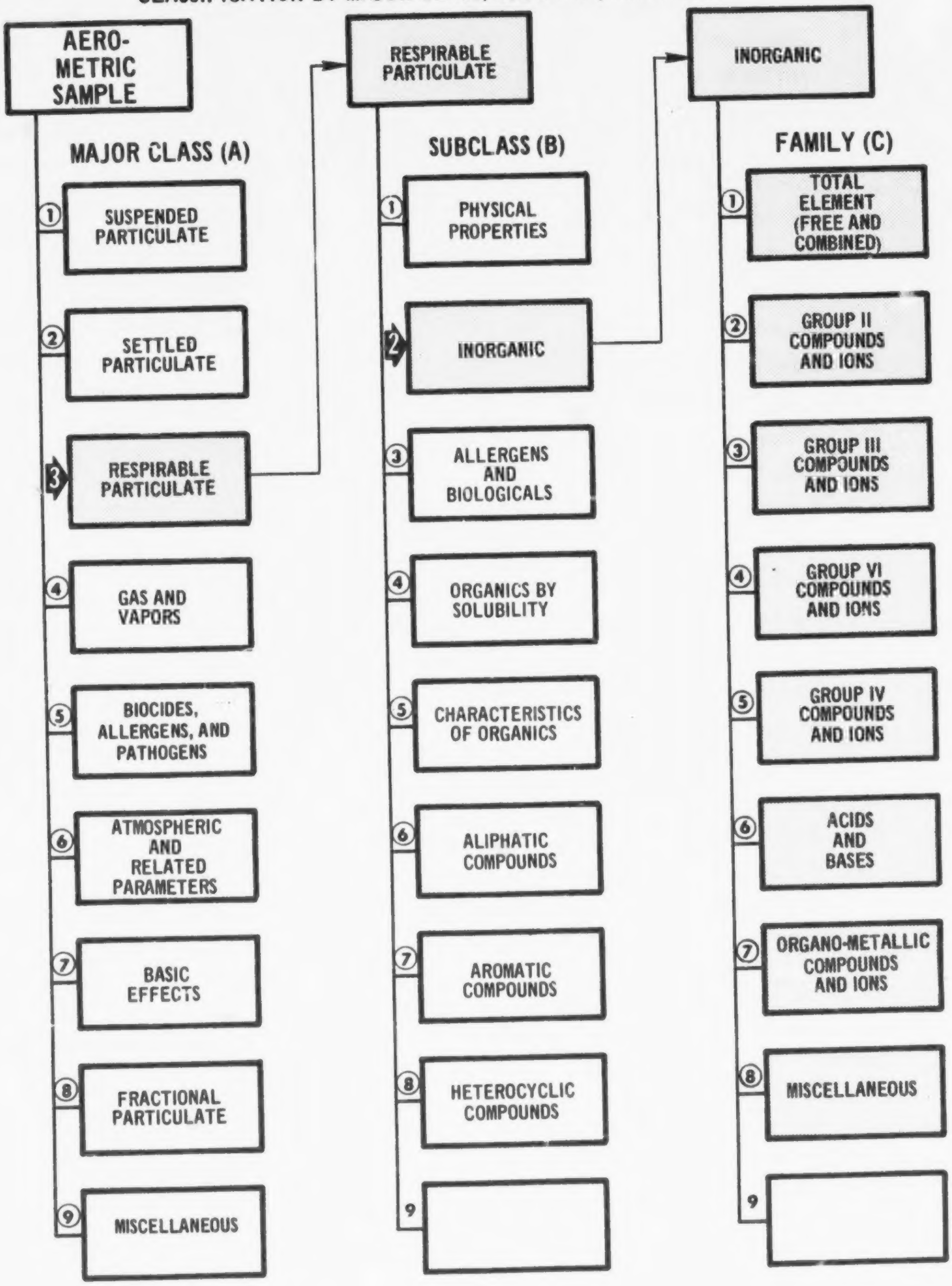
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
PHYSICAL PROPERTIES
FAMILY (C)
1 WEIGHT RELATIONSHIPS
2 OPTICAL MEASUREMENTS
3 RADIOLOGICAL DATA
4
5
6
7
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| PHYSICAL PROPERTIES | 31 |
| Weight Relationships | 311 |
| Particulate | 31101 |
| Organic (total) fraction | 31102 |
| Benzene soluble organic fraction | 31103 |
| Polynuclear hydrocarbons | 31104 |
| Water soluble organics | 31105 |
| Amine B | 31106 |
| Strong acid | 31107 |
| Weak acid | 31108 |
| Neutral fraction | 31109 |
| Aliphatic fraction | 31110 |
| Aromatic fraction | 31111 |
| Oxygenated neutral fraction | 31112 |
| Inorganic fraction | 31113 |
| Optical Measurements | 312 |
| Transmission | 31201 |
| Reflectance | 31202 |
| Radiological Data | 313 |
| Alpha (gross) | 31301 |
| Beta (gross) | 31302 |
| Gamma | 31303 |
| Neutron | 31304 |
| Gross | 31305 |
| Argon - 41 | 31306 |
| Barium - 140 | 31307 |
| Carbon - 14 | 31308 |
| Cerium - 141 | 31309 |
| Cerium - 142 | 31310 |
| Cerium - 144 | 31311 |
| Cesium - 137 | 31312 |
| Cobalt - 60 | 31313 |
| Hydrogen - 3 | 31314 |
| Iodine - 126 | 31315 |
| Iodine - 131 | 31316 |
| Krypton - 81-85 | 31317 |
| Lanthanum - 140 | 31318 |
| Molybdenum - 93 | 31319 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| PHYSICAL PROPERTIES | 31 |
| Radiological Data | 313 |
| Niobium - 95 | 31320 |
| Palladium - 107 | 31321 |
| Plutonium - 239 | 31322 |
| Potassium - 40 | 31323 |
| Potassium - 42 | 31324 |
| Praseodymium - 144 | 31325 |
| Radium - 226 | 31326 |
| Radon - 222 | 31327 |
| Rare earth elements | 31328 |
| Rhodium - 102 | 31329 |
| Rubidium - 85 | 31330 |
| Ruthenium - 97-103 | 31331 |
| Strontium - 89 | 31332 |
| Strontium - 90 | 31333 |
| Thallium - 204 | 31334 |
| Thorium - 232 | 31335 |
| Tungsten - 138 | 31336 |
| Uranium - 235 | 31337 |
| Uranium - 238 | 31338 |
| Xenon - 133 | 31339 |
| Yttrium - 90 | 31340 |
| Zinc - 65 | 31341 |
| Lead - 210 | 31342 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
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7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
INORGANIC
FAMILY (C)
1 TOTAL ELEMENT (FREE AND COMBINED)
2 GROUP II COMPOUNDS AND IONS
3 GROUP III COMPOUNDS AND IONS
4 GROUP VI COMPOUNDS AND IONS
5 GROUP IV COMPOUNDS AND IONS
6 ACIDS AND BASES
7 ORGANO-METALLIC COMPOUNDS AND IONS
8 MISCELLANEOUS
9

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| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| INORGANIC | 32 |
| Total Element (Free and Combined) | 321 |
| Aluminum | 32101 |
| Antimony | 32102 |
| Arsenic | 32103 |
| Argon | 32104 |
| Beryllium | 32105 |
| Bismuth | 32106 |
| Barium | 32107 |
| Boron | 32108 |
| Bromine | 32109 |
| Cadmium | 32110 |
| Calcium | 32111 |
| Chromium | 32112 |
| Cobalt | 32113 |
| Copper | 32114 |
| Chlorine | 32115 |
| Carbon | 32116 |
| Cerium | 32117 |
| Cesium | 32118 |
| Dysprosium | 32119 |
| Erbium | 32120 |
| Europium | 32121 |
| Fluorine | 32122 |
| Gadolinium | 32123 |
| Gallium | 32124 |
| Germanium | 32125 |
| Iron | 32126 |
| Hafnium | 32127 |
| Lead | 32128 |
| Holmium | 32129 |
| Hydrogen | 32130 |
| Indium | 32131 |
| Manganese | 32132 |
| Iridium | 32133 |
| Molybdenum | 32134 |
| Krypton | 32135 |
| Nickel | 32136 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| INORGANIC | 32 |
| Total Element (Free and Combined) | 321 |
| Helium | 32137 |
| Lithium | 32138 |
| Lutetium | 32139 |
| Magnesium | 32140 |
| Iodine | 32141 |
| Mercury | 32142 |
| Gold | 32143 |
| Neodymium | 32144 |
| Neon | 32145 |
| Lanthanum | 32146 |
| Niobium | 32147 |
| Nitrogen | 32148 |
| Osmium | 32149 |
| Oxygen | 32150 |
| Palladium | 32151 |
| Phosphorus | 32152 |
| Platinum | 32153 |
| Selenium | 32154 |
| Praseodymium | 32155 |
| Protactinium | 32156 |
| Radium | 32157 |
| Rhenium | 32158 |
| Rhodium | 32159 |
| Tin | 32160 |
| Titanium | 32161 |
| Samarium | 32162 |
| Scandium | 32163 |
| Vanadium | 32164 |
| Silicon | 32165 |
| Silver | 32166 |
| Zinc | 32167 |
| Strontium | 32168 |
| Sulfur | 32169 |
| Tantalum | 32170 |
| Tellurium | 32171 |
| Terbium | 32172 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| INORGANIC | 32 |
| Total Element (Free and Combined) | 321 |
| Thallium | 32173 |
| Thorium | 32174 |
| Thulium | 32175 |
| Rubidium | 32176 |
| Ruthenium | 32177 |
| Tungsten | 32178 |
| Uranium | 32179 |
| Potassium | 32180 |
| Xenon | 32181 |
| Ytterbium | 32182 |
| Yttrium | 32183 |
| Sodium | 32184 |
| Zirconium | 32185 |
| Group II Compounds and Ions | 322 |
| Bromide ion | 32201 |
| Fluoride ion | 32202 |
| Chloride ion | 32203 |
| Iodide ion | 32204 |
| Chlorate ion | 32205 |
| Perchlorate ion | 32206 |
| Bromate ion | 32207 |
| Sodium chloride | 32210 |
| Potassium chloride | 32211 |
| Calcium chloride | 32212 |
| Ammonium chloride | 32213 |
| Sodium bromide | 32230 |
| Potassium bromide | 32231 |
| Sodium iodide | 32250 |
| Potassium iodide | 32251 |
| Potassium fluoride | 32270 |
| Sodium fluoride | 32271 |
| Sodium fluorosilicate | 32275 |
| Calcium fluorosilicate | 32276 |
| Group III Compounds and Ions | 323 |
| Ammonium ion | 32301 |
| Cyanide ion | 32304 |

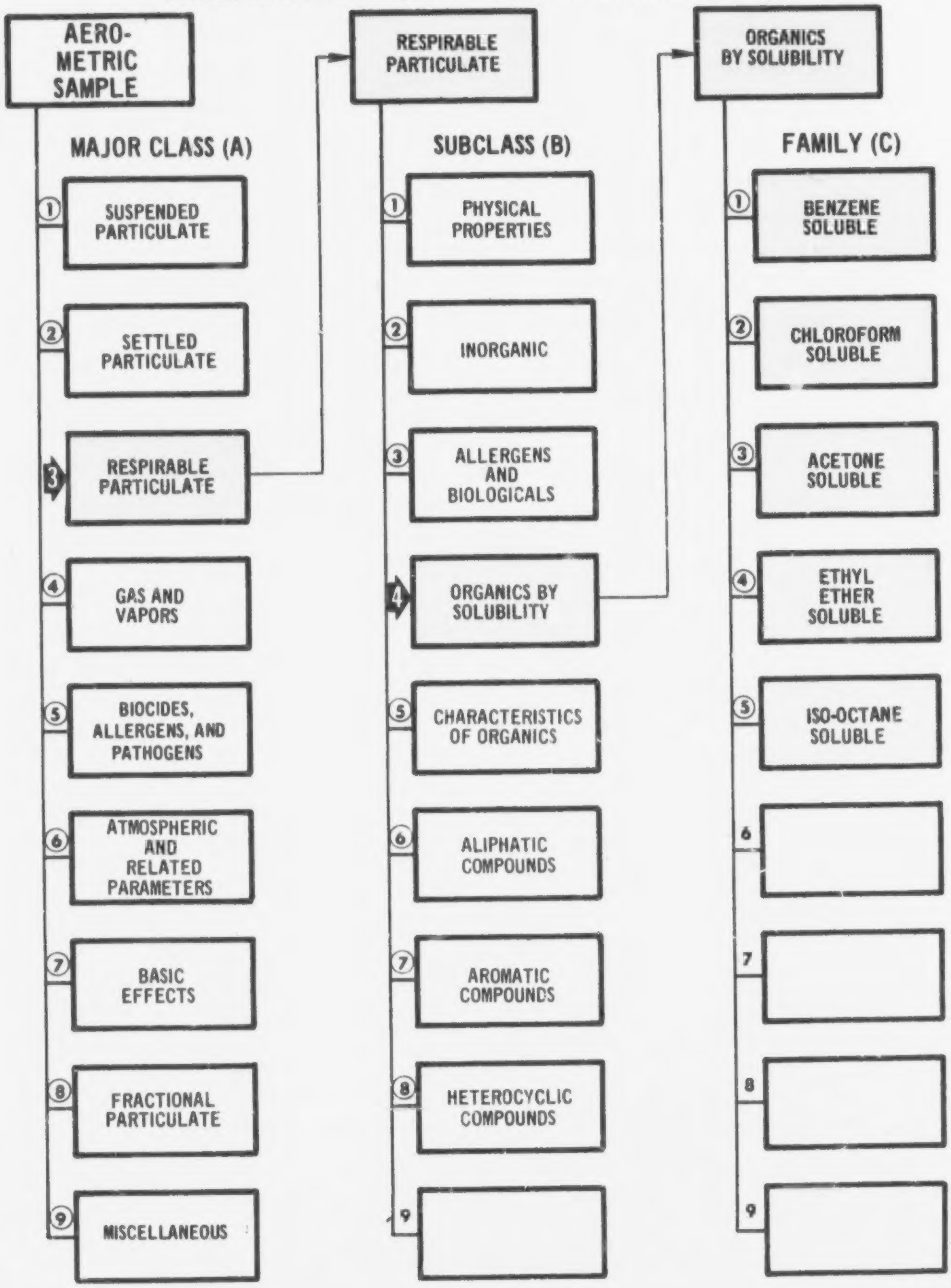
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| INORGANIC | 32 |
| Group III Compounds and Ions | 323 |
| Nitrate ion | 32306 |
| Nitrite ion | 32309 |
| Hydrazine | 32310 |
| Hydrazoic acid | 32311 |
| Ammonium chloride | 32320 |
| Ammonium nitrate | 32321 |
| Ammonium sulfate | 32322 |
| Phosphoric acid | 32340 |
| Calcium phosphate | 32341 |
| Phosphorus pentasulfide | 32342 |
| Phosphate ion | 32345 |
| Hydrogen phosphate ion | 32346 |
| Dihydrogen phosphate ion | 32347 |
| Group VI Compounds and Ions | 324 |
| Sulfide ion | 32401 |
| Sulfuric acid | 32402 |
| Sulfate ion | 32403 |
| Thiosulfate ion | 32404 |
| Sulfite ion | 32410 |
| Ferrous sulfide | 32411 |
| Ferric sulfide | 32412 |
| Ferrous sulfate | 32413 |
| Ferric sulfate | 32414 |
| Barium sulfate | 32415 |
| Chromium trioxide | 32417 |
| Sodium dichromate | 32418 |
| Zinc oxide | 32430 |
| Aluminum oxide | 32431 |
| Water | 32450 |
| Group IV Compounds and Ions | 325 |
| Carbonate ion | 32501 |
| Bicarbonate ion | 32502 |
| Carbon boride | 32510 |
| Silicon carbide | 32511 |
| Silicate ion | 32550 |
| Silicon dioxide | 32551 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| INORGANIC | 32 |
| Acids and Bases | 326 |
| Total acidity H+ | 32601 |
| Hydrogen ion concentration pH | 32602 |
| Bicarbonate ion | 32603 |
| Sulfuric acid | 32604 |
| Nitric acid | 32605 |
| Hydrochloric acid | 32606 |
| Total alkalinity | 32650 |
| Hydroxide ion concentration | 32651 |
| Carbonate ion | 32652 |
| Calcium hydroxide | 32653 |
| Organo-Metallic Compounds and Ions | 327 |
| Miscellaneous | 328 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALLERGENS AND BIOLOGICALS | 33 |
| Pollen | 331 |
| Abies | 33101 |
| Aren | 33102 |
| Amaranthacea | 33103 |
| Ambrosia | 33104 |
| Artemisia | 33105 |
| Betulaceae | 33106 |
| Carya | 33107 |
| Chenopodiaceae | 33108 |
| Cyperaceae | 33109 |
| Fagus | 33110 |
| Gramineae | 33111 |
| Iva | 33112 |
| Iva xanthifolia | 33113 |
| Juglans | 33114 |
| Juniperus | 33115 |
| Myricaceae | 33116 |
| Picea | 33117 |
| Pinus | 33118 |
| Plantago | 33119 |
| Plantanus | 33120 |
| Populus | 33121 |
| Quercus | 33122 |
| Rumex | 33123 |
| Salix | 33124 |
| Solidago | 33125 |
| Tilia | 33126 |
| Tsuga | 33127 |
| Ulmus | 33128 |
| Spores and Fungi | 332 |
| Algae spores | 33201 |
| Yeast spores (blastomycetes) | 33202 |
| Saccharomycetes | 33203 |
| Fungi spores (eumycetes) | 33204 |
| Pichia spores | 33205 |
| Schizomycetes | 33206 |
| Endomyces sp | 33207 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALLERGENS AND BIOLOGICALS | 33 |
| Spores and Fungi | 332 |
| Oospora sp | 33208 |
| Phycomycetes | 33209 |
| Basidiomycetes | 33210 |
| Ascomycetes | 33211 |
| Fungi imperfecti | 33212 |
| Mucedinaceae | 33213 |
| Dematiaceae | 33214 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
ORGANICS BY SOLUBILITY
FAMILY (C)
① BENZENE SOLUBLE
② CHLOROFORM SOLUBLE
③ ACETONE SOLUBLE
④ ETHYL ETHER SOLUBLE
⑤ ISO-OCTANE SOLUBLE
6
7
8
9

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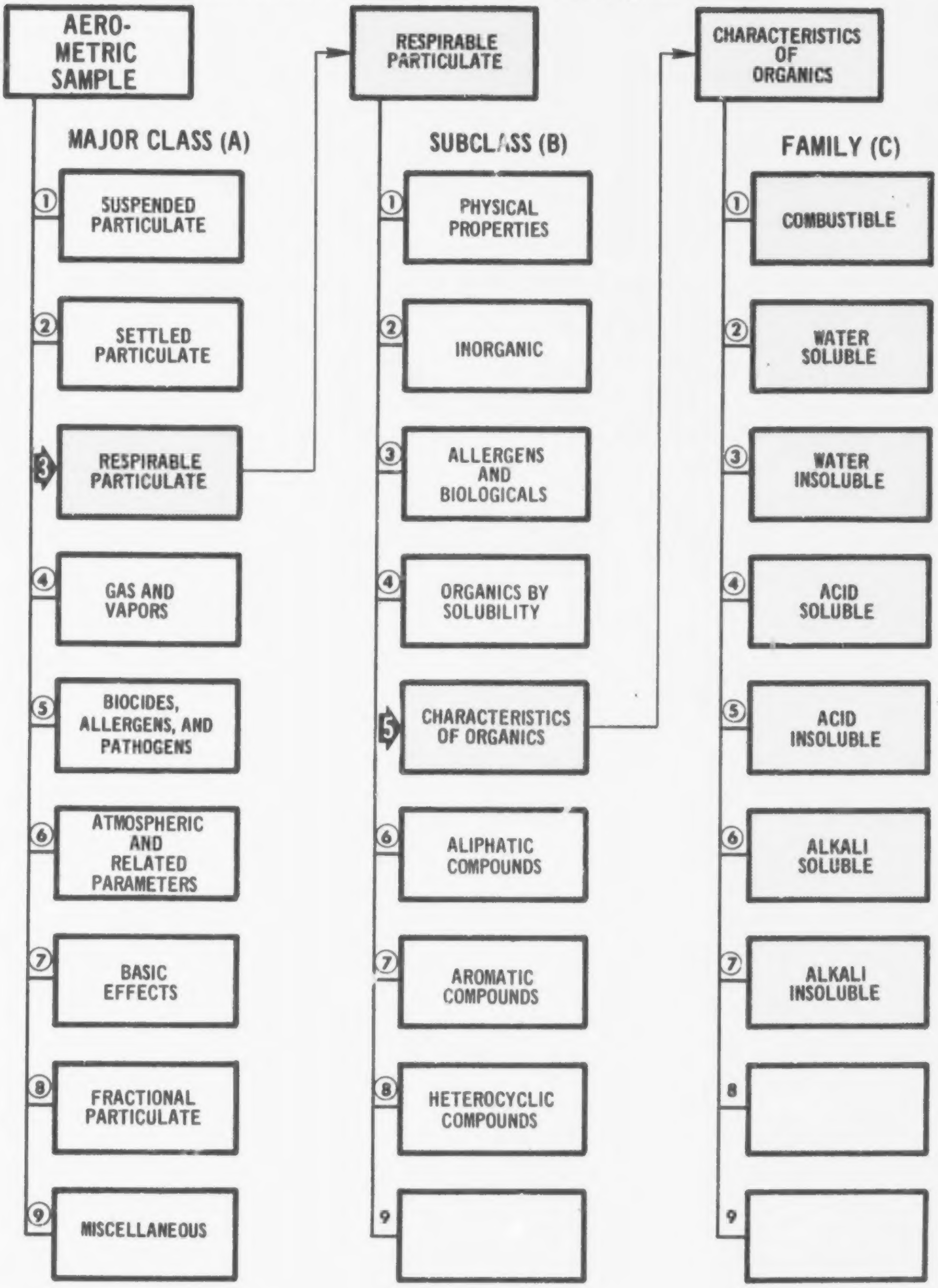
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ORGANICS BY SOLUBILITY | 34 |
| Benzene Soluble | 341 |
| Total benzene soluble organics | 34101 |
| Aliphatic fraction | 34102 |
| Aromatic fraction | 34103 |
| Acid extract fraction | 34104 |
| Amine group fraction | 34105 |
| Neutral fraction | 34106 |
| Weak acid fraction | 34107 |
| Strong acid fraction | 34108 |
| Water soluble fraction | 34109 |
| Water-ether insoluble | 34110 |
| Oxygenated fraction | 34111 |
| Chloroform Soluble | 342 |
| Total chloroform soluble organics | 34201 |
| Aliphatic fraction | 34202 |
| Aromatic fraction | 34203 |
| Acid extract fraction | 34204 |
| Amine group fraction | 34205 |
| Neutral fraction | 34206 |
| Weak acid fraction | 34207 |
| Strong acid fraction | 34208 |
| Water soluble fraction | 34209 |
| Water-ether insoluble | 34210 |
| Oxygenated fraction | 34211 |
| Acetone Soluble | 343 |
| Total acetone soluble organics | 34301 |
| Aliphatic fraction | 34302 |
| Aromatic fraction | 34303 |
| Acid extract fraction | 34304 |
| Amine group fraction | 34305 |
| Neutral fraction | 34306 |
| Weak acid fraction | 34307 |
| Strong acid fraction | 34308 |
| Water soluble fraction | 34309 |
| Water-ether insoluble | 34310 |
| Oxygenated fraction | 34311 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ORGANICS BY SOLUBILITY | 34 |
| Ethyl Ether Soluble | 344 |
| Total ethyl ether soluble organics | 34401 |
| Aliphatic fraction | 34402 |
| Aromatic fraction | 34403 |
| Acid extract fraction | 34404 |
| Amine group fraction | 34405 |
| Neutral fraction | 34406 |
| Weak acid fraction | 34407 |
| Strong acid fraction | 34408 |
| Water soluble fraction | 34409 |
| Water-ether insoluble | 34410 |
| Oxygenated fraction | 34411 |
| Iso-Octane Soluble | 345 |
| Total iso-octane soluble organics | 34501 |
| Aliphatic fraction | 34502 |
| Aromatic fraction | 34503 |
| Acid extract fraction | 34504 |
| Amine group fraction | 34505 |
| Neutral fraction | 34506 |
| Weak acid fraction | 34507 |
| Strong acid fraction | 34508 |
| Water-soluble fraction | 34509 |
| Water-ether insoluble | 34510 |
| Oxygenated fraction | 34511 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
CHARACTERISTICS OF ORGANICS
FAMILY (C)
① COMBUSTIBLE
② WATER SOLUBLE
③ WATER INSOLUBLE
④ ACID SOLUBLE
⑤ ACID INSOLUBLE
⑥ ALKALI SOLUBLE
⑦ ALKALI INSOLUBLE
8
9

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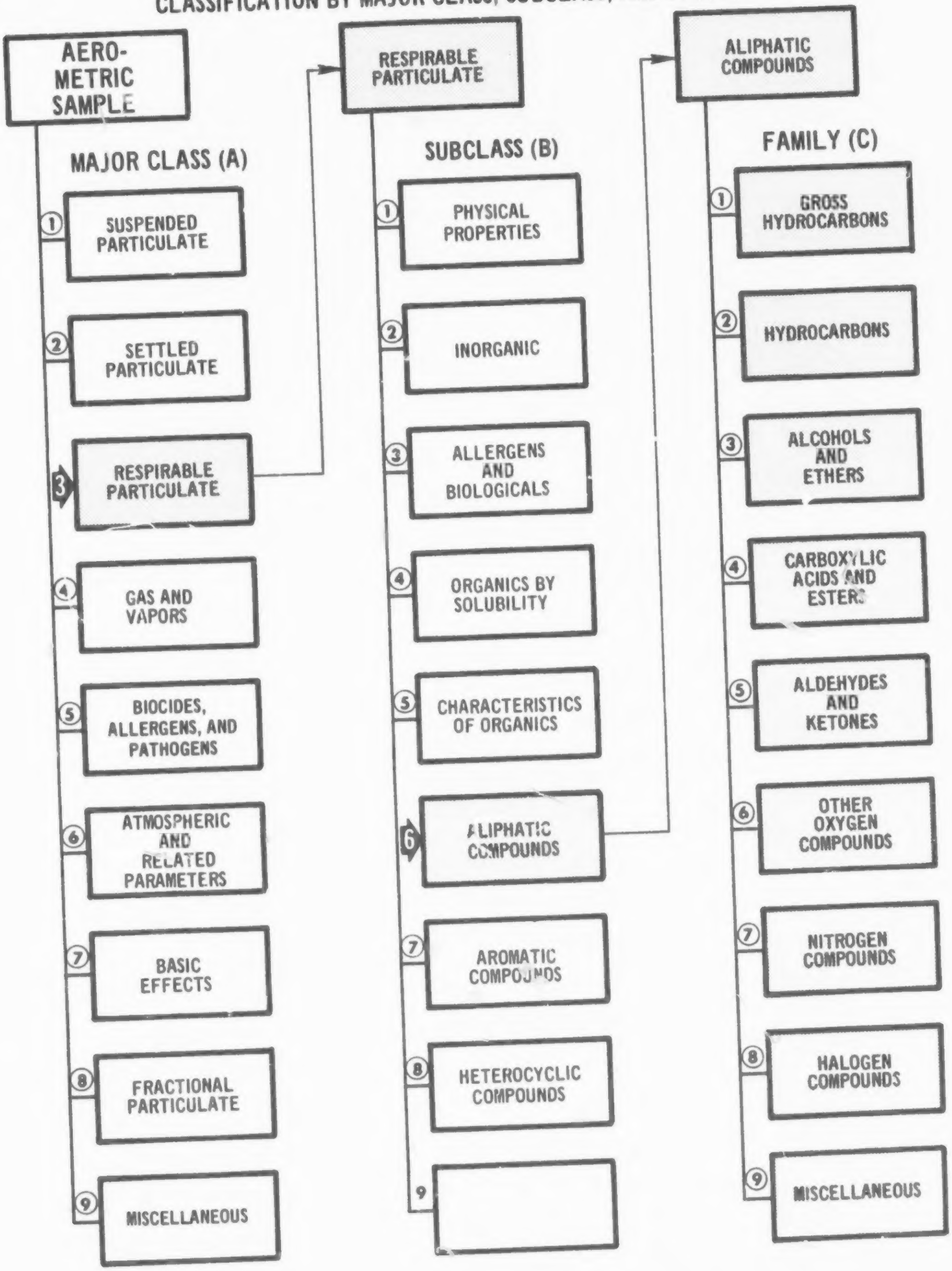
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| CHARACTERISTICS OF ORGANICS | 35 |
| Combustible | 351 |
| Loss on 500 degrees centigrade ignition | 35101 |
| Residue after ignition | 35102 |
| Water Soluble | 352 |
| Water Insoluble | 353 |
| Acid Soluble | 354 |
| Acid Insoluble | 355 |
| Alkali Soluble | 356 |
| Alkali Insoluble | 357 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
ALIPHATIC COMPOUNDS
FAMILY (C)
① GROSS HYDROCARBONS
② HYDROCARBONS
③ ALCOHOLS AND ETHERS
④ CARBOXYLIC ACIDS AND ESTERS
⑤ ALDEHYDES AND KETONES
⑥ OTHER OXYGEN COMPOUNDS
⑦ NITROGEN COMPOUNDS
⑧ HALOGEN COMPOUNDS
⑨ MISCELLANEOUS

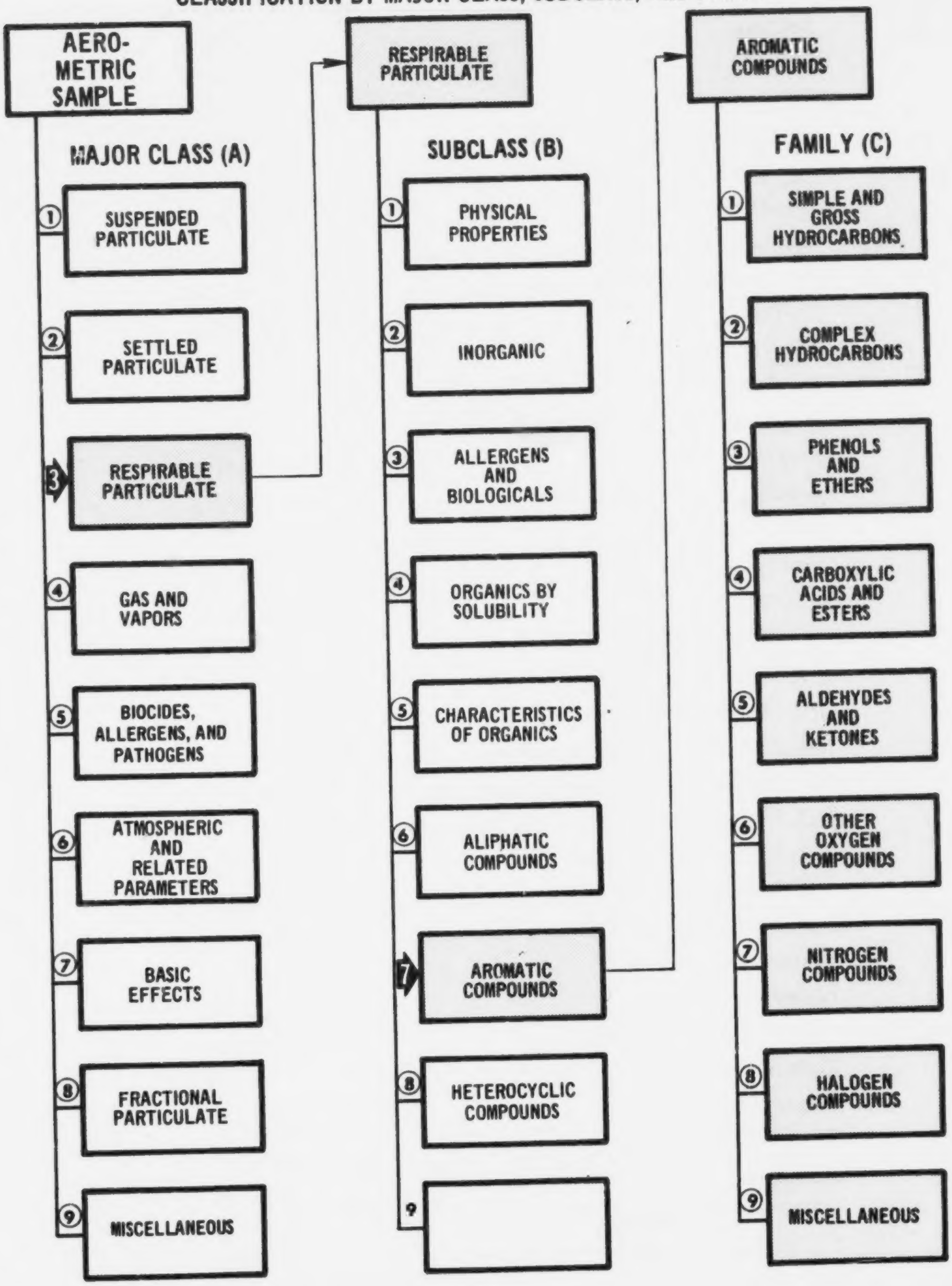
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALIPHATIC COMPOUNDS | 36 |
| Gross Hydrocarbons | 361 |
| Hydrocarbons | 362 |
| Heptane | 36201 |
| Octane | 36202 |
| Nonane | 36203 |
| Decane | 36204 |
| Undecane | 36205 |
| Dodecane | 36206 |
| Tridecane | 36207 |
| Tetradecane | 36208 |
| Pentadecane | 36209 |
| Hexadecane | 36210 |
| Heptadecane | 36211 |
| Octadecane | 36212 |
| Nonadecane | 36213 |
| Eicosane | 36214 |
| Hemeicosane | 36215 |
| Docosane | 36216 |
| Tricosane | 36217 |
| Tetracosane | 36218 |
| Pentacosane | 36219 |
| Hexacosane | 36220 |
| Heptacosane | 36221 |
| Octacosane | 36222 |
| Cyclohexane | 36223 |
| Cycloheptane | 36224 |
| Cyclooctane | 36225 |
| Heptene-1 | 36226 |
| Octene-1 | 36227 |
| Alcohols and Ethers | 363 |
| Butyl alcohol | 36301 |
| *iso*-butyl alcohol | 36302 |
| *sec*-butyl alcohol | 36303 |
| *tert*-butyl alcohol | 36304 |
| *n*-amyl alcohol | 36305 |
| *iso*-amyl alcohol | 36306 |
| *tert*-amyl alcohol | 36307 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALIPHATIC COMPOUNDS | 36 |
| Alcohols and Ethers | 363 |
| *n*-hexyl alcohol | 36308 |
| Cyclohexanol | 36309 |
| *n*-octyl alcohol | 36310 |
| Capryl alcohol (octanol-2) | 35311 |
| Decyl alcohol | 36312 |
| Lauryl alcohol | 36313 |
| Myristyl alcohol | 36314 |
| Cetyl alcohol | 36315 |
| Stearyl alcohol | 36316 |
| Di-*n*-butyl ether | 36340 |
| Di-*n*-amyl ether | 36341 |
| Di-*iso*-amyl ether | 36342 |
| Di-*n*-hexyl ether | 36343 |
| Di-chloromethyl ether | 36344 |
| Di-(β-chloroethyl) ether | 36346 |
| Ethylene glycol dimethyl ether | 36347 |
| Divinyl ether | 36348 |
| Diallyl ether | 36349 |
| Carboxylic Acids and Esters | 364 |
| Propionic acid | 36401 |
| *n*-butyric acid | 36402 |
| *iso*-butyric acid | 36403 |
| *n*-valeric acid | 36404 |
| Trimethylacetic acid | 36405 |
| Caproic acid | 36406 |
| *n*-heptylic acid | 36407 |
| Caprylic acid | 36408 |
| Pelargonic acid | 36409 |
| Fluoroacetic acid | 36410 |
| Chloroacetic acid | 36411 |
| Bromoacetic acid | 36412 |
| Iodoacetic acid | 36413 |
| Dichloroacetic acid | 36414 |
| Trichloroacetic acid | 36415 |
| α-chloropropionic acid | 36416 |
| β-chloropropionic acid | 36417 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALIPHATIC COMPOUNDS | 36 |
| Carboxylic Acids and Esters | 364 |
| Glycolic acid | 36418 |
| Lactic acid | 36419 |
| Methoxyacetic acid | 36420 |
| Thioglycolic acid | 36421 |
| Cyanoacetic acid | 36422 |
| Glyoxylic acid | 36423 |
| Acrylic acid | 36425 |
| Vinylacetic acid | 36426 |
| Phenylacetio acid | 36427 |
| Formic acid | 36428 |
| Acetic acid | 36429 |
| Crotonic acid | 36430 |
| Oxalic acid | 36431 |
| Malonic acid | 36432 |
| Succinic acid | 36433 |
| Glutaric acid | 36434 |
| Adipic acid | 36435 |
| Pimelic acid | 36436 |
| Suberic acid | 36437 |
| Azelaic acid | 36438 |
| Sebacic acid | 36439 |
| Aldehydes and Ketones | 365 |
| Caproaldehyde | 36501 |
| Heptaldehyde | 36502 |
| Hexanone-2 | 36504 |
| Hexanone-3 | 36505 |
| Di-*n*-propyl ketone | 36506 |
| Di-*iso*-propyl ketone | 36507 |
| Di-*iso*-butyl ketone | 36508 |
| Di-*n*-amyl ketone | 36509 |
| Stearone | 36510 |
| Chloroacetone | 36511 |
| Dichloroacetone | 36512 |
| Acetylacetone | 36513 |
| Mesityl oxide | 36514 |
| Phorone | 36515 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| ALIPHATIC COMPOUNDS | 36 |
| Aldehydes and Ketones | 365 |
| Cyclohexanone | 36516 |
| Acrolein | 36517 |
| Other Oxygen Compounds | 366 |
| Nitrogen Compounds | 367 |
| Tri-n-propylamine | 36701 |
| Hexylamine | 36702 |
| Laurylamine | 36703 |
| Trimethylenediamine | 36704 |
| Tetramethylenediamine | 36705 |
| Pentamethylenediamine | 36706 |
| Hexamethylenediamine | 36707 |
| Ethanolamine | 36708 |
| Diethanolamine | 36709 |
| Triethanolamine | 36710 |
| Acrylonitrile | 36711 |
| Halogen Compounds | 368 |
| Methylene iodide | 36801 |
| Bromoform | 36802 |
| Carbon tetrabromide | 36803 |
| Ethylene dibromide | 36804 |
| 1,1-dibromoethane | 36805 |
| 1,1,2,2-tetrachloroethane | 36806 |
| Hexachloroethane | 36807 |
| 1,3-dibromopropane | 36808 |
| 1,4-dibromobutane | 36809 |
| 1,5-dibromopentane | 36810 |
| 1,6-dibromohexane | 36811 |
| Miscellaneous | 369 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
1 PHYSICAL PROPERTIES
2 INORGANIC
3 ALLERGENS AND BIOLOGICALS
4 ORGANICS BY SOLUBILITY
5 CHARACTERISTICS OF ORGANICS
6 ALIPHATIC COMPOUNDS
7 AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
AROMATIC COMPOUNDS
FAMILY (C)
1 SIMPLE AND GROSS HYDROCARBONS
2 COMPLEX HYDROCARBONS
3 PHENOLS AND ETHERS
4 CARBOXYLIC ACIDS AND ESTERS
5 ALDEHYDES AND KETONES
6 OTHER OXYGEN COMPOUNDS
7 NITROGEN COMPOUNDS
8 HALOGEN COMPOUNDS
9 MISCELLANEOUS

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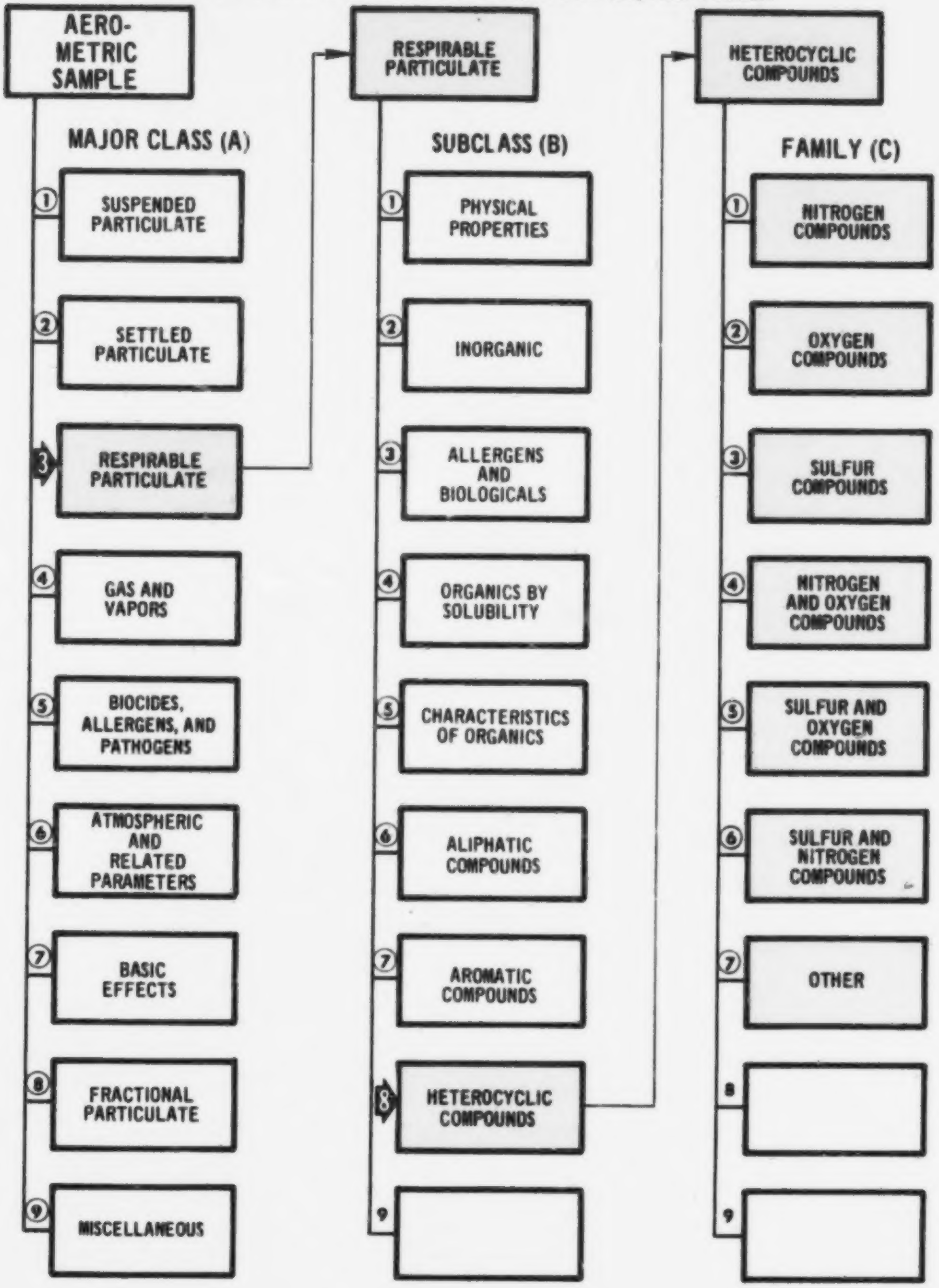
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| AROMATIC COMPOUNDS | 37 |
| Simple and Gross Hydrocarbon | 371 |
| Benzene | 37101 |
| Toluene | 37102 |
| Ethylbenzene | 37103 |
| *n*-propylbenzene | 37104 |
| *iso*-propylbenzene | 37105 |
| *n*-butylbenzene | 37106 |
| *sec*-butylbenzene | 37107 |
| *tert*-butylbenzene | 37108 |
| Styrene | 37109 |
| Allylbenzene | 37110 |
| *o*-xylene | 37111 |
| *m*-xylene | 37112 |
| *p*-xylene | 37113 |
| *o*-ethyltoluene | 37114 |
| *m*-ethyltoluene | 37115 |
| *p*-ethyltoluene | 37116 |
| *p*-cymene | 37117 |
| *o*-diethylbenzene | 37118 |
| *m*-diethylbenzene | 37119 |
| *p*-diethylbenzene | 37120 |
| 1,2,3-trimethylbenzene (hemimellitene) | 37121 |
| 1,2,4-trimethylbenzene (pseudocumene) | 37122 |
| 1,3,5-trimethylbenzene (mesitylene) | 37123 |
| 1,2,3,4-tetramethylbenzene (prehnitene) | 37124 |
| 1,2,3,5-tetramethylbenzene (isodurene) | 37125 |
| 1,2,4,5-tetramethylbenzene (durene) | 37126 |
| Pentamethylbenzene | 37127 |
| Hexamethylbenzene | 37128 |
| 1,3,5-triethylbenzene | 37129 |
| Diphenylmethane | 37131 |
| Triphenylmethane | 37132 |
| Tetraphenylmethane | 37133 |
| Stilbene | 37134 |
| 1,1-diphenylethane | 37135 |
| 1,2-diphenylethane | 37136 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| AROMATIC COMPOUNDS | 37 |
| Simple and Gross Hydrocarbons | 371 |
| Diphenyl | 37137 |
| p-terphenyl | 37138 |
| p-quaterphenyl | 37139 |
| 1,3,5-triphenylbenzene | 37140 |
| Naphthalene | 37141 |
| α-methylnaphthalene | 37142 |
| β-methylnaphthalene | 37143 |
| Indene | 37145 |
| Azulene | 37146 |
| Acenaphthene | 37147 |
| Acenaphthalene | 37148 |
| Fluorene | 37149 |
| Phenanthrene | 37150 |
| Anthracene | 37151 |
| 2-methylanthracene | 37152 |
| Complex Hydrocarbons | 372 |
| Fluoranthene | 37201 |
| 8-methylfluoranthene | 37202 |
| Pyrene | 37204 |
| 1-methylpyrene | 37205 |
| 4-methylpyrene | 37206 |
| 2,7-dimethylpyrene | 37207 |
| Chrysene | 37208 |
| Anthanthrene | 37210 |
| Coronene | 37211 |
| Perylene | 37212 |
| Naphthacene | 37213 |
| Benzo(c)phenanthrene | 37214 |
| Benzo(a)anthracene | 37215 |
| 11h-benzo(b)fluorene | 37216 |
| 11h-benzo(a)fluorene | 37217 |
| 7h-benzo(c)fluorene | 37218 |
| Dibenzo(a,i)fluorene | 37219 |
| Benzo(b)fluoranthene | 37220 |
| Benzo(g,h,i)fluoranthene | 37221 |
| Benzo(j)fluoranthene | 37222 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| AROMATIC COMPOUNDS | 37 |
| Complex Hydrocarbons | 372 |
| Benzo(k)fluoranthene | 37223 |
| Benzo(e)pyrene | 37224 |
| Naphtho(2,3-a)pyrene | 37226 |
| Dibenzo(a,e)pyrene | 37227 |
| Dibenzo(a,i)pyrene | 37228 |
| Dibenzo(a,h)pyrene | 37229 |
| Dibenzo(b,h)phenanthrene | 37230 |
| Dibenzo(a,h)anthracene | 37231 |
| Tribenzo(a,c,h)anthracene | 37232 |
| Benzo(a)naphthacene | 37233 |
| Dibenzo(a,l)naphthacene | 37234 |
| Dibenzo(a,j)naphthacene | 37235 |
| Dibenzo(a,c)naphthacene | 37236 |
| Benzo(g,h,i)perylene | 37237 |
| Dibenzo(b,p,g,r)perylene | 37238 |
| Benzo(a)pyrene | 37242 |
| Phenols and Ethers | 373 |
| O-cresol | 37301 |
| m-cresol | 37302 |
| p-cresol | 37303 |
| o-chlorophenol | 37304 |
| m-chlorophenol | 37305 |
| p-chlorophenol | 37306 |
| o-bromophenol | 37307 |
| m-bromophenol | 37308 |
| p-bromophenol | 37309 |
| o-nitrophenol | 37310 |
| m-nitrophenol | 37311 |
| p-nitrophenol | 37312 |
| 2,4-dinitrophenol | 37313 |
| 3,5-dinitrophenol | 37314 |
| Resorcinol | 37315 |
| Hydroquinone | 37316 |
| Catechol | 37317 |
| Pyrogallol | 37318 |
| Phloroglucinol | 37319 |

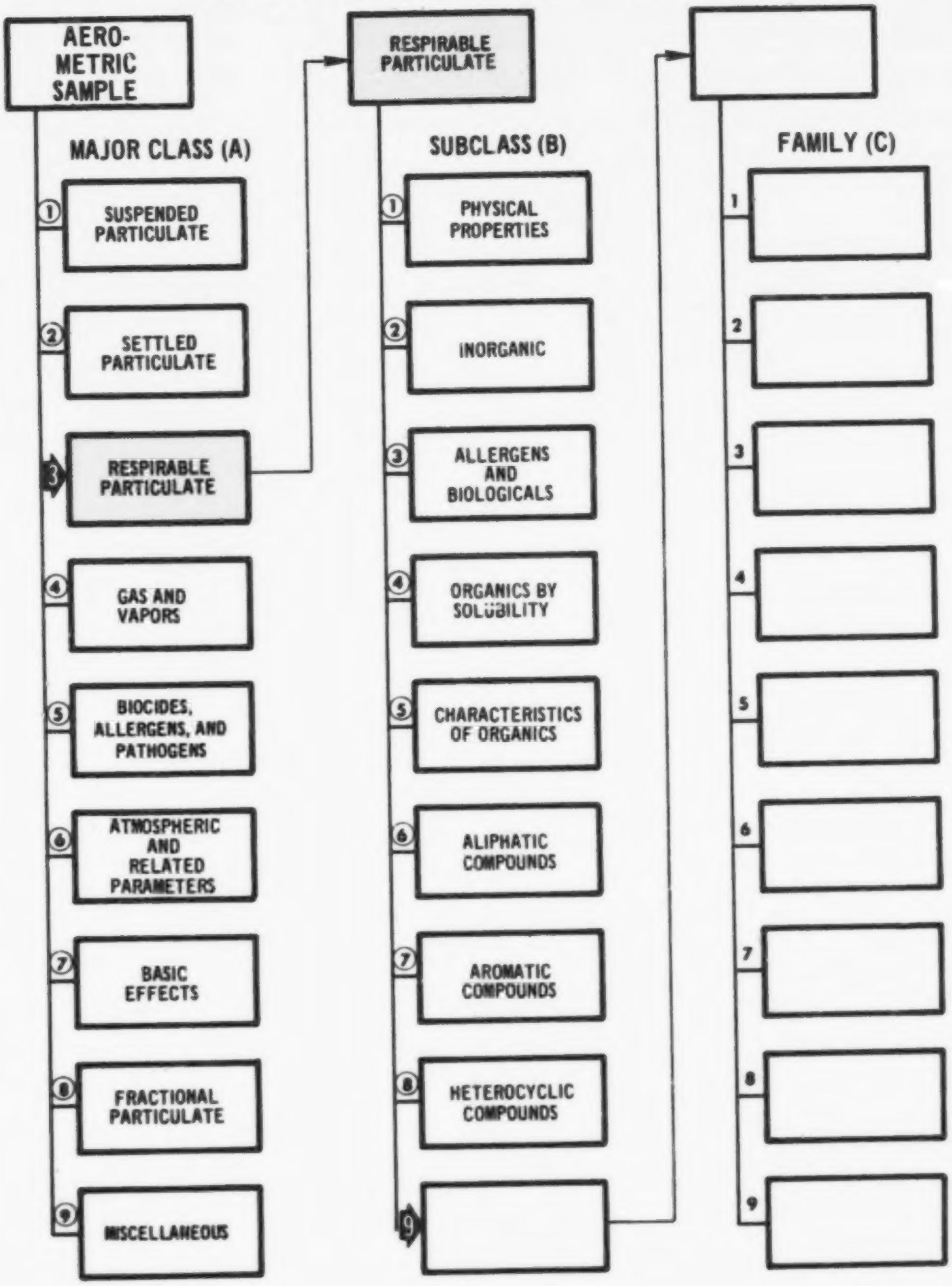
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| AROMATIC COMPOUNDS | 37 |
| Phenols and Ethers | 373 |
| Anisole | 37340 |
| Phenetole | 37341 |
| Diphenyl ether | 37342 |
| o-anisidine | 37343 |
| p-anisidine | 37344 |
| Carboxylic Acids and Esters | 374 |
| Aldehydes and Ketones | 375 |
| Xanthen-9-one | 37501 |
| 7h-benzo(d,e)anthracene-7-one(benzanthrone) | 37502 |
| Phenalen-1-one | 37503 |
| Other Oxygen Compounds | 376 |
| Nitrogen Compounds | 377 |
| Aniline | 37701 |
| o-phenylenediamine | 37702 |
| m-phenylenediamine | 37703 |
| p-phenylenediamine | 37704 |
| o-anisidine | 37705 |
| p-anisidine | 37706 |
| o-chloroaniline | 37707 |
| m-chloroaniline | 37708 |
| p-chloroaniline | 37709 |
| o-toluidine | 37710 |
| m-toluidine | 37711 |
| p-toluidine | 37712 |
| Diphenylamine | 37713 |
| Triphenylamine | 37714 |
| Benzidine | 37715 |
| Halogen Compounds | 378 |
| Miscellaneous | 379 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
8 HETEROCYCLIC COMPOUNDS
9
HETEROCYCLIC COMPOUNDS
FAMILY (C)
① NITROGEN COMPOUNDS
② OXYGEN COMPOUNDS
③ SULFUR COMPOUNDS
④ NITROGEN AND OXYGEN COMPOUNDS
⑤ SULFUR AND OXYGEN COMPOUNDS
⑥ SULFUR AND NITROGEN COMPOUNDS
⑦ OTHER
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| RESPIRABLE PARTICULATES | 3 |
| HETEROCYCLIC COMPOUNDS | 38 |
| Nitrogen Compounds | 381 |
| Pyridine | 38101 |
| α-picoline | 38102 |
| β-picoline | 38103 |
| γ-picoline | 38104 |
| Quinoline | 38105 |
| Isoquinoline | 38106 |
| Quinaldine | 38107 |
| Indole | 38108 |
| Acridine | 38109 |
| Carbazole | 38110 |
| Benzo(f)quinoline | 38111 |
| Benzo(h)quinoline | 38112 |
| Phenanthridine | 38113 |
| Benz(a)acridine | 38114 |
| Benz(c)acridine | 38115 |
| 11h-benzo(a)carbazole | 38116 |
| 5h-benzo(b)carbazole | 38117 |
| 7h-benzo(b)carbazole | 38118 |
| Dibenz(a,b)acridine | 38119 |
| Dibenz(a,j)acridine | 38120 |
| Benzo(1,m,n)phenanthridine | 38121 |
| Indeno(1,2,3-1,j)isoquinoline | 38122 |
| 9-acridanone | 38123 |
| Oxygen Compounds | 382 |
| Benzofuran | 38201 |
| Dibenzofuran | 38202 |
| Furfural | 38203 |
| Sulfur Compounds | 383 |
| Nitrogen and Oxygen Compounds | 384 |
| Sulfur and Oxygen Compounds | 385 |
| Sulfur and Nitrogen Compounds | 386 |
| Other | 387 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-
METRIC
SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
RESPIRABLE PARTICULATE
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALLERGENS AND BIOLOGICALS
④ ORGANICS BY SOLUBILITY
⑤ CHARACTERISTICS OF ORGANICS
⑥ ALIPHATIC COMPOUNDS
⑦ AROMATIC COMPOUNDS
⑧ HETEROCYCLIC COMPOUNDS
9
FAMILY (C)
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# GASES AND VAPORS

| Pollutant or Parameter | Code number | Page number |
|---|---|---|
| GASES AND VAPORS | 4 | 4-1 |
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| Radiological Data | 411 | 4-4 |
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| Acids and Bases | 423 | 4-8 |
| Group VI Compounds and Ions | 424 | 4-8 |
| Group VII Compounds and Ions | 425 | 4-8 |
| Group V Compounds and Ions | 426 | 4-9 |
| Organo-Metallic Compounds and Ions | 427 | 4-9 |
| Miscellaneous | 428 | 4-9 |
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| Gross Hydrocarbons | 431 | 4-12 |
| Hydrocarbons | 432 | 4-12 |
| Alcohols and Ethers | 433 | 4-13 |
| Carboxylic Acids and Esters | 434 | 4-13 |
| Aldehydes and Ketones | 435 | 4-14 |
| Other Oxygen Compounds | 436 | 4-14 |
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| OXIDANTS (chart) | 44 | 4-17 |
| General | 441 | 4-18 |
| Inorganic Compounds | 442 | 4-18 |
| Organic Compounds | 443 | 4-18 |
| AROMATIC COMPOUNDS (chart) | 45 | 4-19 |
| Gross Hydrocarbons | 451 | 4-20 |
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| Phenols and Ethers | 453 | 4-20 |
| Carboxylic Acids and Esters | 454 | 4-20 |

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| Pollutant or Parameter | Code number | Page number |
|---|---|---|
| GASES AND VAPORS | 4 | 4-1 |
| AROMATIC COMPOUNDS (chart) | 45 | 4-19 |
| Aldehydes and Ketones | 455 | 4-20 |
| Other Oxygen Compounds | 456 | 4-20 |
| Nitrogen Compounds | 457 | 4-20 |
| Halogen Compounds | 458 | 4-21 |
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| HETEROCYCLIC COMPOUNDS (chart) | 46 | 4-23 |
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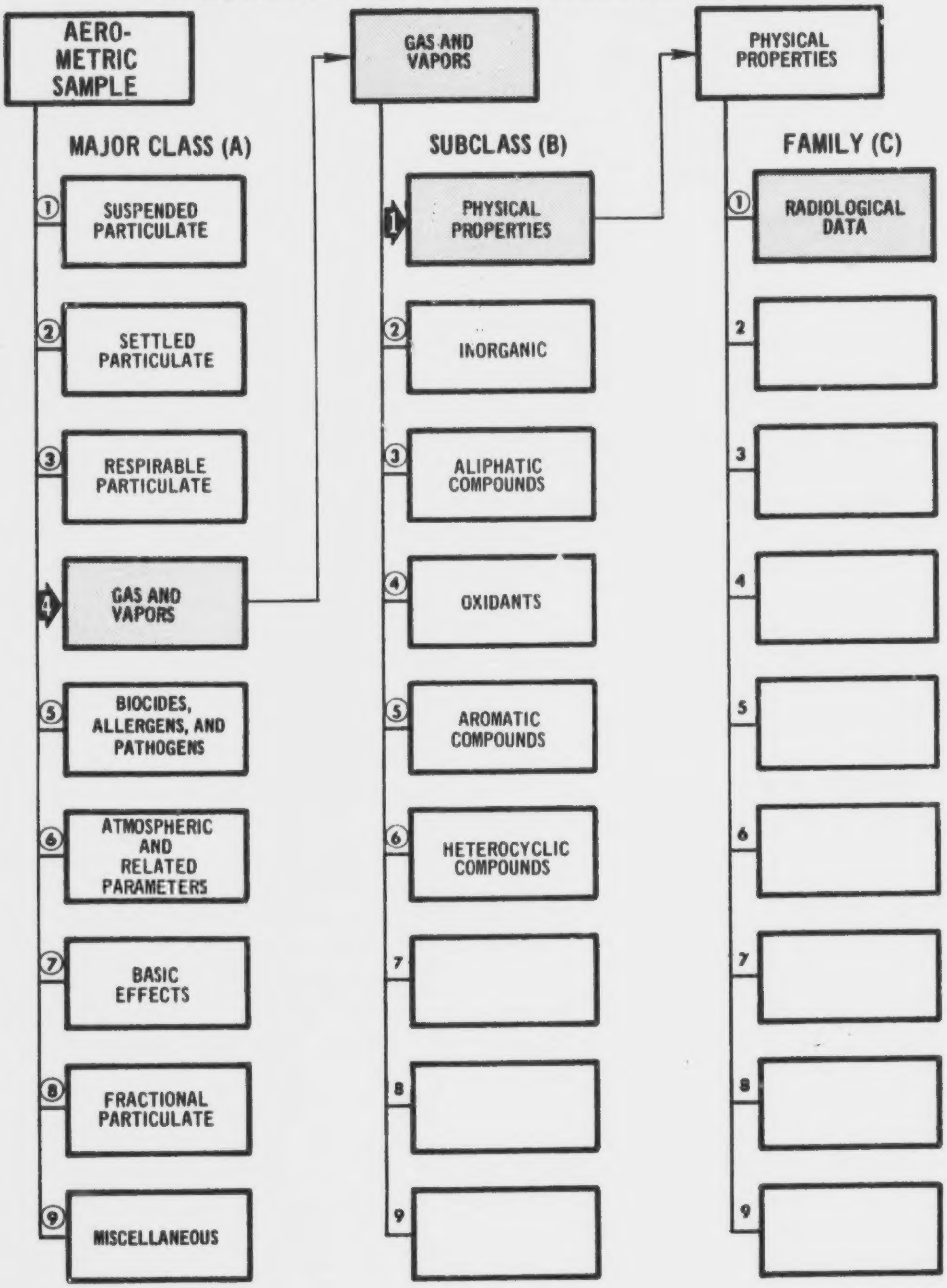
| Oxygen Compounds | 462 | 4-24 |
| Sulfur Compounds | 463 | 4-24 |
| Nitrogen and Oxygen Compounds | 464 | 4-24 |
| Sulfur and Oxygen Compounds | 465 | 4-24 |
| Sulfur and Nitrogen Compounds | 466 | 4-24 |
| Other | 467 | 4-24 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
1 PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
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PHYSICAL PROPERTIES
FAMILY (C)
① RADIOLOGICAL DATA
2
3
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5
6
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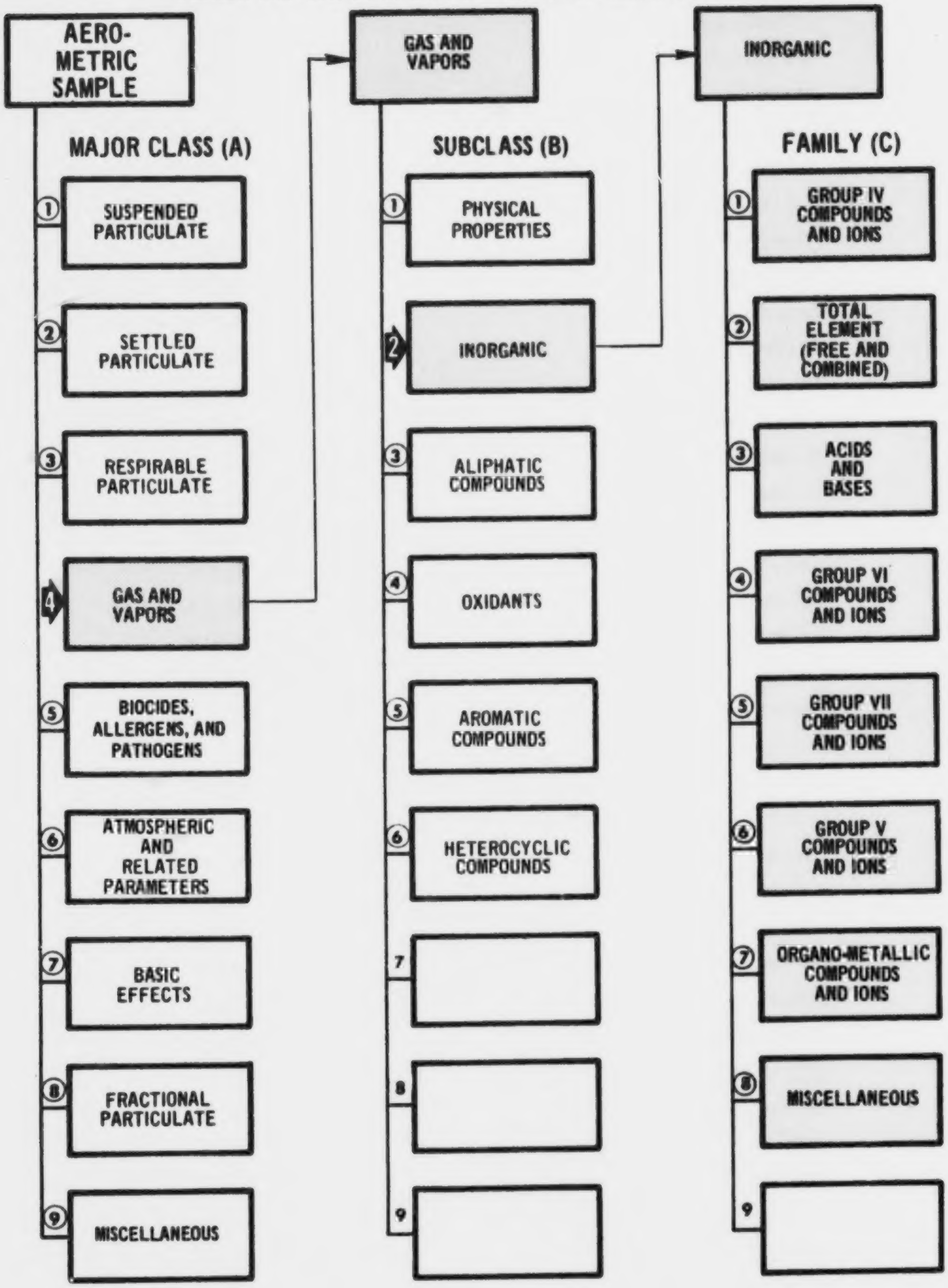
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| PHYSICAL PROPERTIES | 41 |
| Radiological Data | 411 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
2 INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
7
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9
INORGANIC
FAMILY (C)
① GROUP IV COMPOUNDS AND IONS
② TOTAL ELEMENT (FREE AND COMBINED)
③ ACIDS AND BASES
④ GROUP VI COMPOUNDS AND IONS
⑤ GROUP VII COMPOUNDS AND IONS
⑥ GROUP V COMPOUNDS AND IONS
⑦ ORGANO-METALLIC COMPOUNDS AND IONS
⑧ MISCELLANEOUS
9

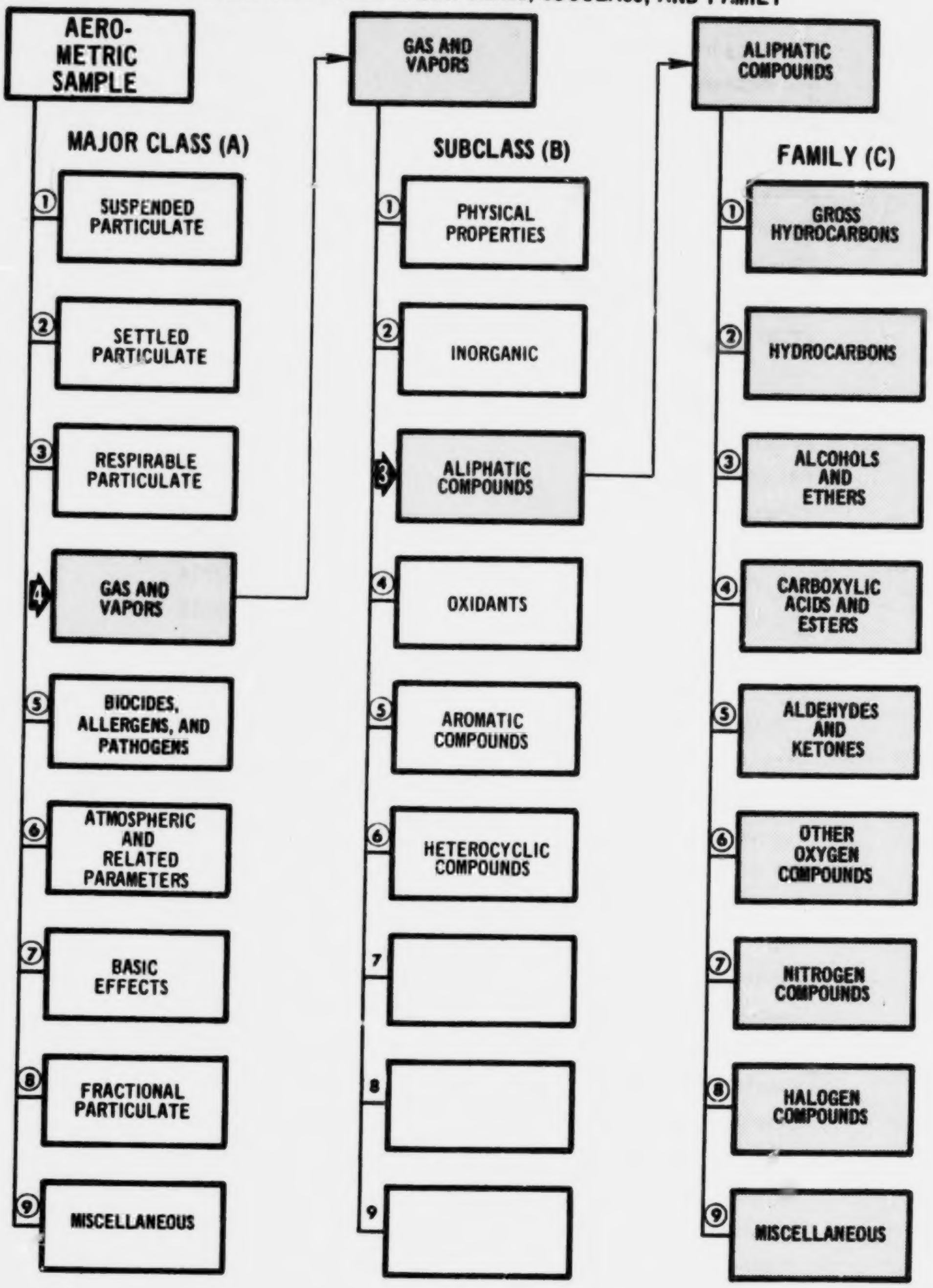
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| INORGANIC | 42 |
| Group IV Compounds and Ions | 421 |
| Carbon monoxide | 42101 |
| Carbon dioxide | 42102 |
| Phosgene | 42103 |
| Carbon disulfide | 42153 |
| Carbon oxysulfide | 42154 |
| Total Element (Free and Combined) | 422 |
| Aluminum | 42201 |
| Antimony | 42202 |
| Argon | 42203 |
| Arsenic | 42204 |
| Barium | 42205 |
| Beryllium | 42206 |
| Bismuth | 42207 |
| Boron | 42208 |
| Bromine | 42209 |
| Cadmium | 42210 |
| Calcium | 42211 |
| Carbon | 42212 |
| Cerium | 42213 |
| Cesium | 42214 |
| Chlorine | 42215 |
| Chromium | 42216 |
| Cobalt | 42217 |
| Copper | 42218 |
| Dysprosium | 42219 |
| Erbium | 42220 |
| Europium | 42221 |
| Fluorine | 42222 |
| Gadolinium | 42223 |
| Gallium | 42224 |
| Germanium | 42225 |
| Gold | 42226 |
| Hafnium | 42227 |
| Helium | 42228 |
| Holmium | 42229 |
| Hydrogen | 42230 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| INORGANIC | 42 |
| Total Element (Free and Combined) | 422 |
| Indium | 42231 |
| Iodine | 42232 |
| Iridium | 42233 |
| Iron | 42234 |
| Krypton | 42235 |
| Lanthanum | 42236 |
| Lead | 42237 |
| Lithium | 42238 |
| Lutetium | 42239 |
| Magnesium | 42240 |
| Manganese | 42241 |
| Mercury | 42242 |
| Molybdenum | 42243 |
| Neodymium | 42244 |
| Neon | 42245 |
| Nickel | 42246 |
| Niobium | 42247 |
| Nitrogen | 42248 |
| Osmium | 42249 |
| Oxygen | 42250 |
| Palladium | 42251 |
| Phosphorus | 42252 |
| Platinum | 42253 |
| Potassium | 42254 |
| Praseodymium | 42255 |
| Protactinium | 42256 |
| Radium | 42257 |
| Rhenium | 42258 |
| Rhodium | 42259 |
| Rubidium | 42260 |
| Ruthenium | 42261 |
| Samarium | 42262 |
| Scandium | 42263 |
| Selenium | 42264 |
| Silicon | 42265 |
| Silver | 42266 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| INORGANIC | 42 |
| Total Element (Free and Combined) | 422 |
| Sodium | 42267 |
| Strontium | 42268 |
| Sulfur | 42269 |
| Tantalum | 42270 |
| Tellurium | 42271 |
| Terbium | 42272 |
| Thallium | 42273 |
| Thorium | 42274 |
| Thulium | 42275 |
| Tin | 42276 |
| Titanium | 42277 |
| Tungsten | 42278 |
| Uranium | 42279 |
| Vanadium | 42280 |
| Xenon | 42281 |
| Ytterbium | 42282 |
| Yttrium | 42283 |
| Zinc | 42284 |
| Zirconium | 42285 |
| Acids and Bases | 423 |
| Hydrogen bromide | 42301 |
| Hydrogen chloride | 42302 |
| Hydrogen fluoride | 42303 |
| Hydrogen iodide | 42304 |
| Nitric acid | 42305 |
| Sulfuric acid | 42306 |
| Group VI Compounds and Ions | 424 |
| Sulfur dioxide | 42401 |
| Hydrogen sulfide | 42402 |
| Carbon disulfide | 42403 |
| Carbon oxysulfide | 42404 |
| Sulfuric acid | 42405 |
| Sulfation rate | 42410 |
| Group VII Compounds and Ions | 425 |
| Hydrogen bromide | 42501 |
| Hydrogen chloride | 42502 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| INORGANIC | 42 |
| Group VII Compounds and Ions | 425 |
| Hydrogen fluoride | 42503 |
| Hydrogen iodide | 42504 |
| Boron trifluoride | 42505 |
| Boron trichloride | 42506 |
| Chloride trifluoride | 42507 |
| Bromide ion | 42508 |
| Iodide ion | 42511 |
| Fluoride ion | 42513 |
| Group V Compounds and Ions | 426 |
| Nitric oxide | 42601 |
| Nitrogen dioxide | 42602 |
| Oxides of nitrogen | 42603 |
| Ammonia | 42604 |
| Nitrous oxide | 42605 |
| Hydrazine | 42606 |
| Hydrogen cyanide | 42607 |
| Nitric acid | 42608 |
| Vanadium pentoxide | 42650 |
| Organo-Metallic Compounds and Ions | 427 |
| Nickel carbonyl | 42701 |
| Miscellaneous | 428 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
3 ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
7
8
9
ALIPHATIC COMPOUNDS
FAMILY (C)
① GROSS HYDROCARBONS
② HYDROCARBONS
③ ALCOHOLS AND ETHERS
④ CARBOXYLIC ACIDS AND ESTERS
⑤ ALDEHYDES AND KETONES
⑥ OTHER OXYGEN COMPOUNDS
⑦ NITROGEN COMPOUNDS
⑧ HALOGEN COMPOUNDS
⑨ MISCELLANEOUS

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| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| ALIPHATIC COMPOUNDS | 43 |
| Gross Hydrocarbons | 431 |
| Total hydrocarbon | 43101 |
| Non-methane hydrocarbon | 43102 |
| Gasoline | 43103 |
| Hydrocarbons | 432 |
| Methane | 43201 |
| Ethane | 43202 |
| Ethylene | 43203 |
| Propane | 43204 |
| Propylene | 43205 |
| Acetylene | 43206 |
| Cyclopropane | 43207 |
| Propadiene | 43208 |
| Methylacetylene | 43209 |
| *n*-butane | 43212 |
| Butene | 43213 |
| *iso*-butane | 43214 |
| *iso*-butylene | 43215 |
| *trans*-2-butene | 43216 |
| *cis*-2-butene | 43217 |
| 1,3-butadiene | 43218 |
| Ethylacetylene | 43219 |
| *n*-pentane | 43220 |
| *iso*-pentane | 43221 |
| 2,2-dimethyl propane | 43222 |
| 3-methyl-butene-1 | 43223 |
| 1-pentene | 43224 |
| 2-methyl-1-butene | 43225 |
| *trans*-2-pentene | 43226 |
| *cis*-2-pentene | 43227 |
| 2-methyl-2-butene | 43228 |
| 2-methyl pentane | 43229 |
| 3-methyl pentane | 43230 |
| Hexane | 43231 |
| Heptane | 43232 |
| Octane | 43233 |
| Nonane | 43235 |

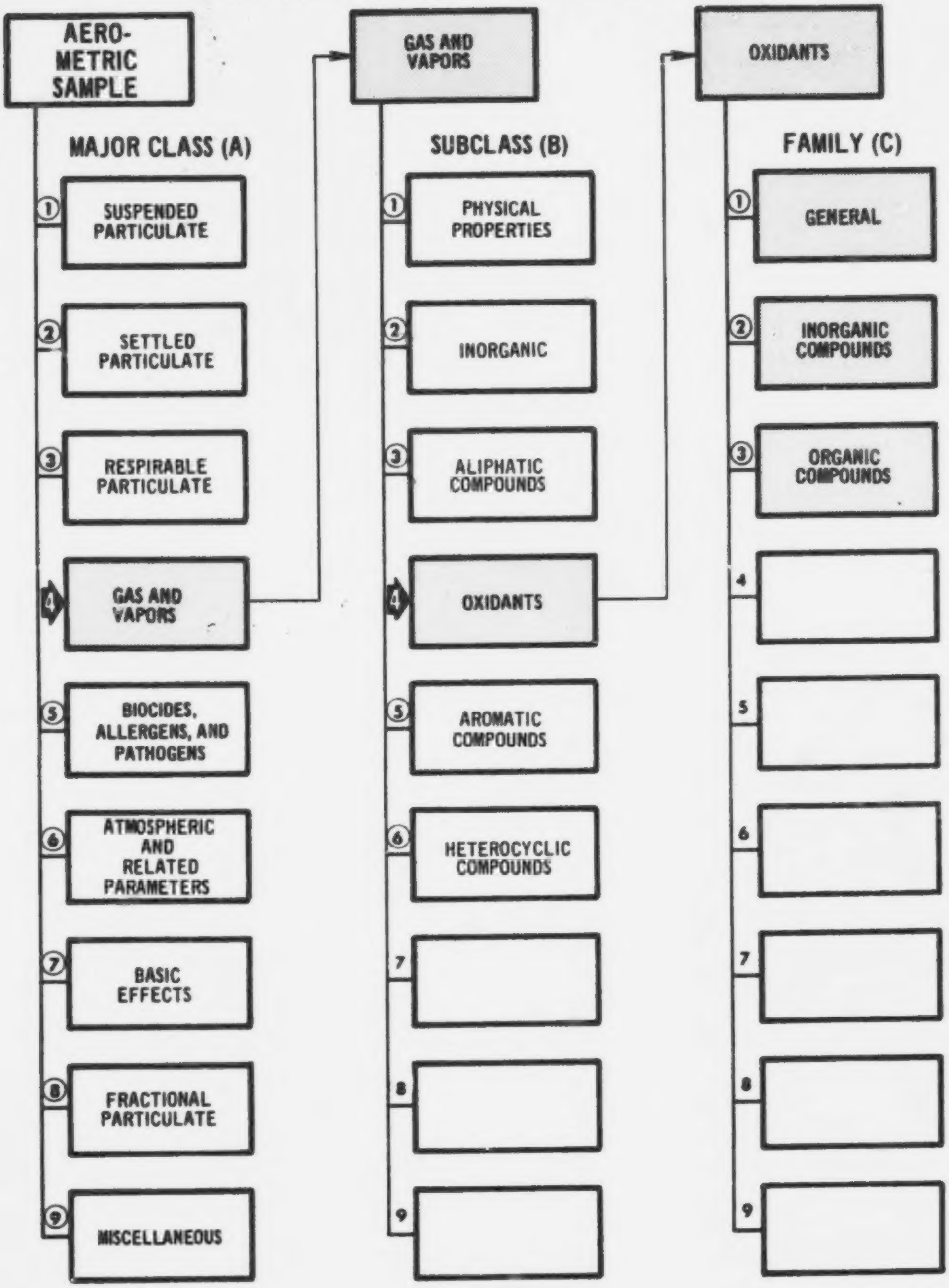
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| ALIPHATIC COMPOUNDS | 43 |
| Hydrocarbons | 432 |
| *n*-decane | 43238 |
| Undecane | 43241 |
| Alcohols and Ethers | 433 |
| Methyl alcohol | 43301 |
| Ethyl alcohol | 43302 |
| *n*-propyl alcohol | 43303 |
| *iso*-propyl alcohol | 43304 |
| *n*-butyl alcohol | 43305 |
| *iso*-butyl alcohol | 43306 |
| *n*-amyl alcohol | 43307 |
| 2-butoxy-ethanol (butyl cellosolve) | 43308 |
| *tert*-butyl alcohol | 43309 |
| 2-methoxyethanol (methyl cellosolve) | 43310 |
| Allyl alcohol | 43315 |
| Methallyl alcohol | 43316 |
| Dimethyl ether | 43350 |
| Ethyl ether | 43351 |
| Dichloroethyl ether | 43352 |
| Allyl glycidyl ether | 43364 |
| Diglycidyl ether | 43365 |
| *iso*-propyl glycidyl ether | 43366 |
| Carboxylic Acids and Esters | 434 |
| Aliphatic acids | 43401 |
| Unsaturated acids | 43402 |
| Formic acid | 43403 |
| Acetic acid | 43404 |
| Propionic acid | 43405 |
| *n*-butyric acid | 43406 |
| Methyl formate | 43430 |
| Ethyl formate | 43431 |
| Methyl acetate | 43432 |
| Ethyl acetate | 43433 |
| *n*-propyl acetate | 43434 |
| *n*-butyl acetate | 43435 |
| *n*-amyl acetate | 43436 |
| Methyl acrylate | 43437 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| ALIPHATIC COMPOUNDS | 43 |
| Carboxylic Acids and Esters | 434 |
| Ethyl acrylate | 43438 |
| Propyl acrylate | 43439 |
| Butyl acrylate | 43440 |
| Methyl methacrylate | 43441 |
| Ethyl methacrylate | 43442 |
| Ethylene glycol monomethyl ether acetate | 43443 |
| Aldehydes and Ketones | 435 |
| Aliphatic aldehydes | 43501 |
| Formaldehyde | 43502 |
| Acetaldehyde | 43503 |
| Propionaldehyde | 43504 |
| Acrolein | 43505 |
| Chloroacetaldehyde | 43506 |
| Dichloroacetaldehyde | 43507 |
| Chloral | 43508 |
| Diacetone alcohol | 43509 |
| Aliphatic ketones | 43550 |
| Acetone | 43551 |
| Methyl ethyl ketone | 43552 |
| Diethyl ketone | 43553 |
| Dipropyl ketone | 43554 |
| Dibutyl ketone | 43555 |
| Diisobutyl ketone | 43556 |
| Methyl butyl ketone (hexanone) | 43559 |
| Methyl isobutyl ketone (hexone) | 43560 |
| Other Oxygen Compounds | 436 |
| Ethylene oxide | 43601 |
| Nitrogen Compounds | 437 |
| Hydrogen cyanide | 43701 |
| Acetonitrile | 43702 |
| Propionitrile | 43703 |
| Acrylonitrile | 43704 |
| Methylamine | 43720 |
| Ethylamine | 43721 |
| _n_-propylamine | 43722 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| ALIPHATIC COMPOUNDS | 43 |
| Nitrogen Compounds | 437 |
| *iso*-propylamine | 43723 |
| *n*-butylamine | 43724 |
| Dimethylamine | 43735 |
| Methyl ethylamine | 43736 |
| Diethylamine | 43737 |
| Trimethyl amine | 43740 |
| Triethyl amine | 43741 |
| Ethylene diamine (1,2-diaminoethane) | 43750 |
| 1,3-diaminopropane | 43751 |
| 1,4-diaminobutane | 43752 |
| 1,5-diaminopentane | 43753 |
| 1,6-diaminohexane | 43754 |
| 1,1-dichloro-1-nitroethane | 43770 |
| Ethylene glycol dinitrate | 43771 |
| Nitroglycerine | 43772 |
| Ethylene imine | 43773 |
| Halogen Compounds | 438 |
| Methyl chloride | 43801 |
| Dichloromethane | 43802 |
| Chloroform | 43803 |
| Carbon tetrachloride | 43804 |
| Dibromomethane | 43805 |
| Bromoform | 43806 |
| Carbon tetrabromide | 43807 |
| Methyl iodide | 43808 |
| Diiodomethane | 43809 |
| Iodoform | 43810 |
| Ethyl chloride | 43812 |
| 1,1-dichloroethane | 43813 |
| 1,1,1-trichloroethane (methyl chloroform) | 43814 |
| 1,2-dichloroethane (ethylene dichloride) | 43815 |
| Perchloroethylene | 43817 |
| 1,1,2,2-tetrachloroethane | 43818 |
| Methyl bromide | 43819 |
| 1,1,2-trichloroethane (trichloroethylene) | 43820 |
| Phosgene | 43850 |

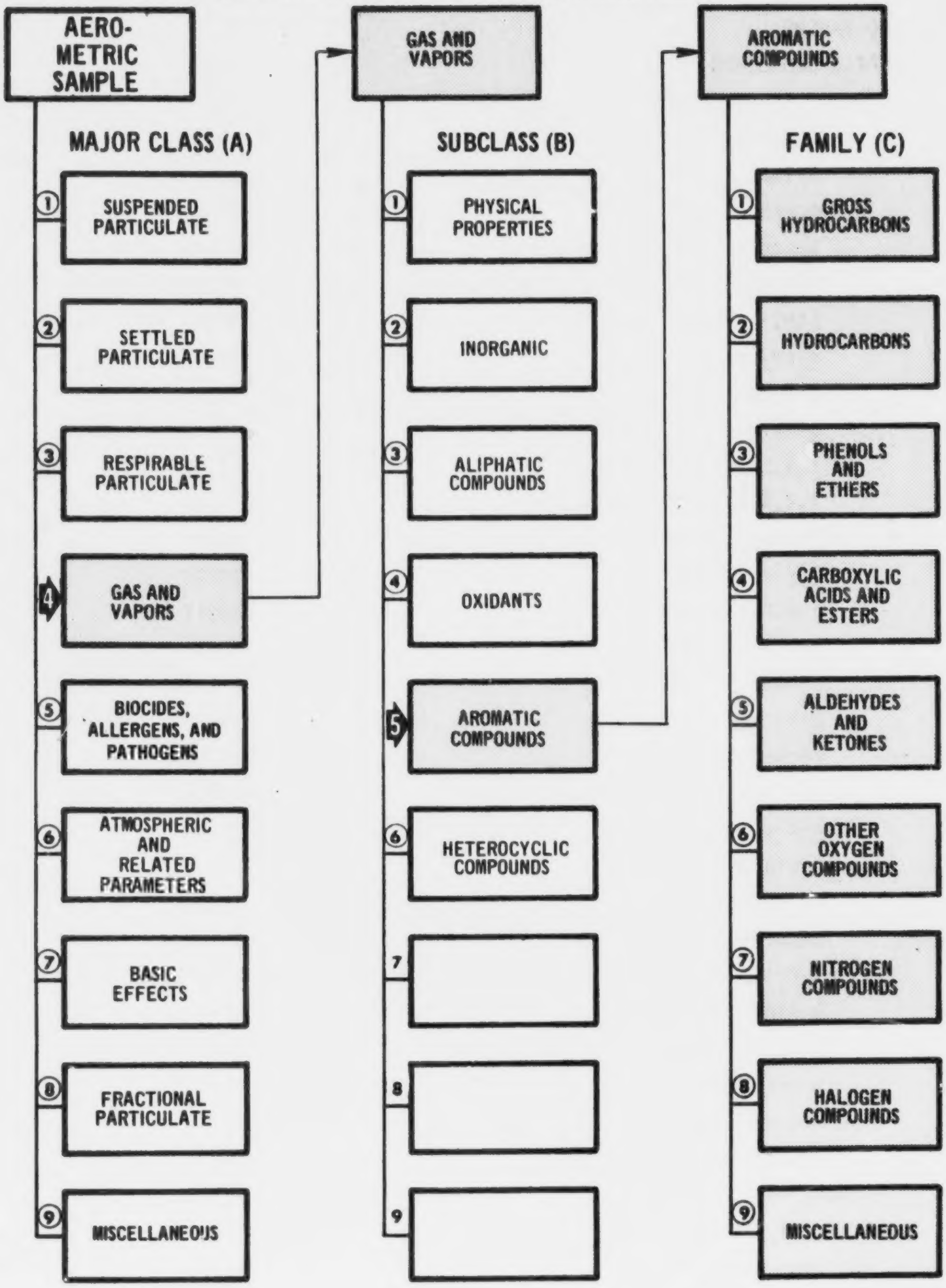
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| ALIPHATIC COMPOUNDS | 43 |
| Halogen Compounds | 438 |
| Vinyl chloride | 43860 |
| Vinyl bromide | 43861 |
| Miscellaneous | 439 |
| Methyl mercaptan | 43901 |
| Ethyl mercaptan | 43902 |
| Propyl mercaptan | 43903 |
| _iso_-propyl mercaptan | 43904 |
| Butyl mercaptan | 43905 |
| _iso_-butyl mercaptan | 43906 |
| _tert_-butyl mercaptan | 43907 |
| Amyl mercaptan | 43908 |
| Dimethyl sulfide | 43915 |
| Diethyl sulfide | 43916 |
| Dimethyl disulfide | 43925 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
7
8
9
OXIDANTS
FAMILY (C)
① GENERAL
② INORGANIC COMPOUNDS
③ ORGANIC COMPOUNDS
4
5
6
7
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| OXIDANTS | 44 |
| General | 441 |
| Total oxidants | 44101 |
| Inorganic Compounds | 442 |
| Ozone | 44201 |
| Organic Compounds | 443 |
| Peroxyacetylnitrate | 44301 |

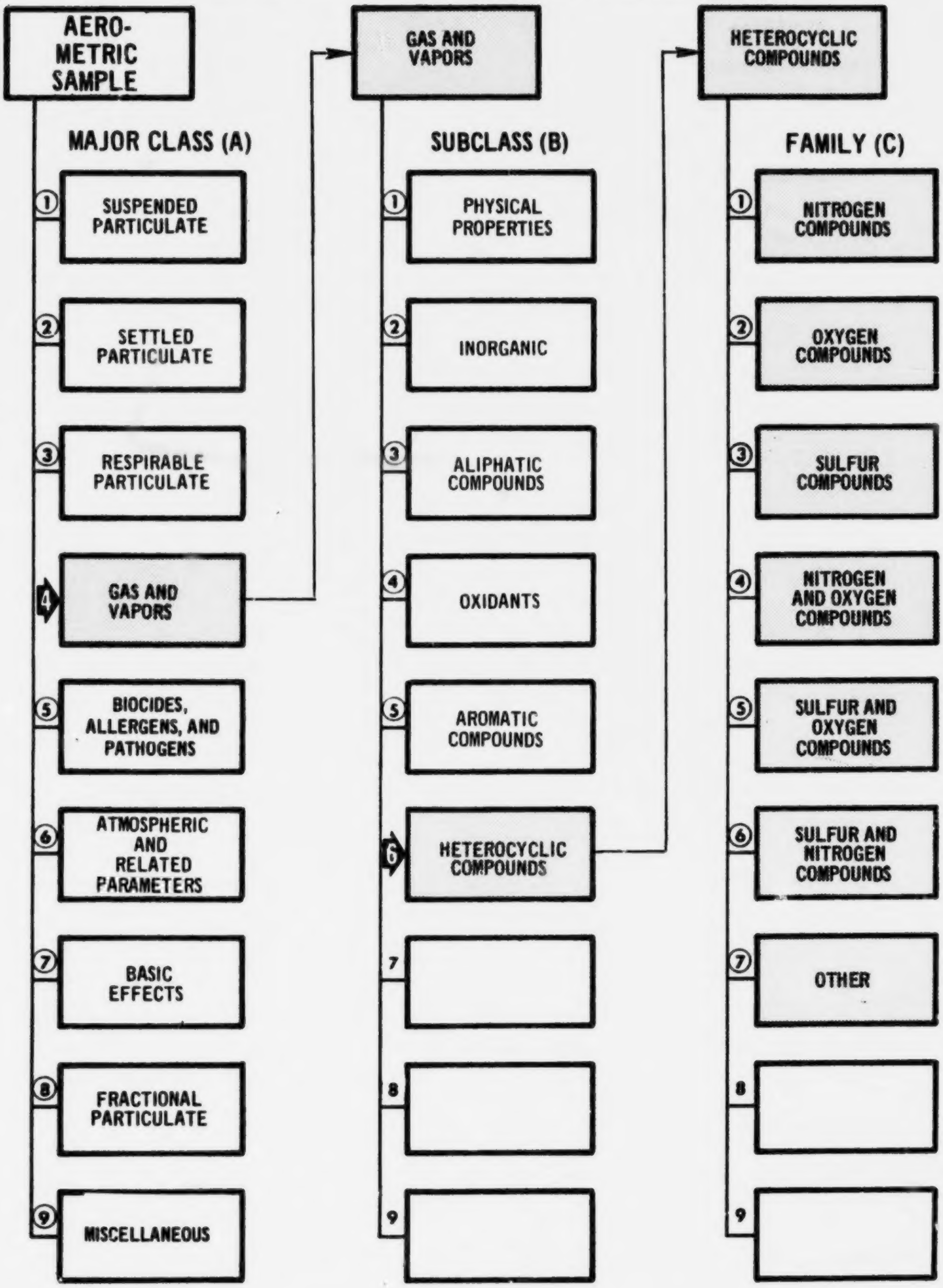
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
5 AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
7
8
9
AROMATIC COMPOUNDS
FAMILY (C)
① GROSS HYDROCARBONS
② HYDROCARBONS
③ PHENOLS AND ETHERS
④ CARBOXYLIC ACIDS AND ESTERS
⑤ ALDEHYDES AND KETONES
⑥ OTHER OXYGEN COMPOUNDS
⑦ NITROGEN COMPOUNDS
⑧ HALOGEN COMPOUNDS
⑨ MISCELLANEOUS

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| AROMATIC COMPOUNDS | 45 |
| Gross Hydrocarbons | 451 |
| Naphtha | 45101 |
| Xylene | 45102 |
| Hydrocarbons | 452 |
| Benzene | 45201 |
| Toluene | 45202 |
| Ethylbenzene | 45203 |
| *o*-xylene | 45204 |
| *m*-xylene | 45205 |
| *p*-xylene | 45206 |
| 1,3,5-trimethylbenzene | 45207 |
| 1,2,4-trimethylbenzene | 45208 |
| *n*-propylbenzene | 45209 |
| *Iso*-propylbenzene | 45210 |
| *o*-ethyltoluene | 45211 |
| *m*-ethyltoluene | 45212 |
| *p*-ethyltoluene | 45213 |
| *n*-butylbenzene | 45214 |
| *tert*-butylbenzene | 45215 |
| *sec*-butylbenzene | 45216 |
| *o*-diethylbenzene | 45217 |
| *m*-diethylbenzene | 45218 |
| *p*-diethylbenzene | 45219 |
| Styrene | 45220 |
| α-methylstyrene | 45221 |
| 4-vinyltoluene | 45222 |
| 3-vinyltoluene | 45223 |
| 2-vinyltoluene | 45224 |
| Phenols and Ethers | 453 |
| Carboxylic Acids and Esters | 454 |
| Aldehydes and Ketones | 455 |
| Other Oxygen Compounds | 456 |
| Nitrogen Compounds | 457 |
| Aniline | 45701 |
| Methylene-*bis*-phenylisocyanate | 45730 |
| Toluene-2,4-diisocyanate | 45731 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| AROMATIC COMPOUNDS | 45 |
| Halogen Compounds | 458 |
| Chlorobenzene | 45801 |
| Bromobenzene | 45802 |
| Fluorobenzene | 45803 |
| Iodobenzene | 45804 |
| *o*-dichlorobenzene | 45805 |
| *m*-dichlorobenzene | 45806 |
| *p*-dichlorobenzene | 45807 |
| Miscellaneous | 459 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
6 HETEROCYCLIC COMPOUNDS
7
8
9
HETEROCYCLIC COMPOUNDS
FAMILY (C)
① NITROGEN COMPOUNDS
② OXYGEN COMPOUNDS
③ SULFUR COMPOUNDS
④ NITROGEN AND OXYGEN COMPOUNDS
⑤ SULFUR AND OXYGEN COMPOUNDS
⑥ SULFUR AND NITROGEN COMPOUNDS
⑦ OTHER
8
9

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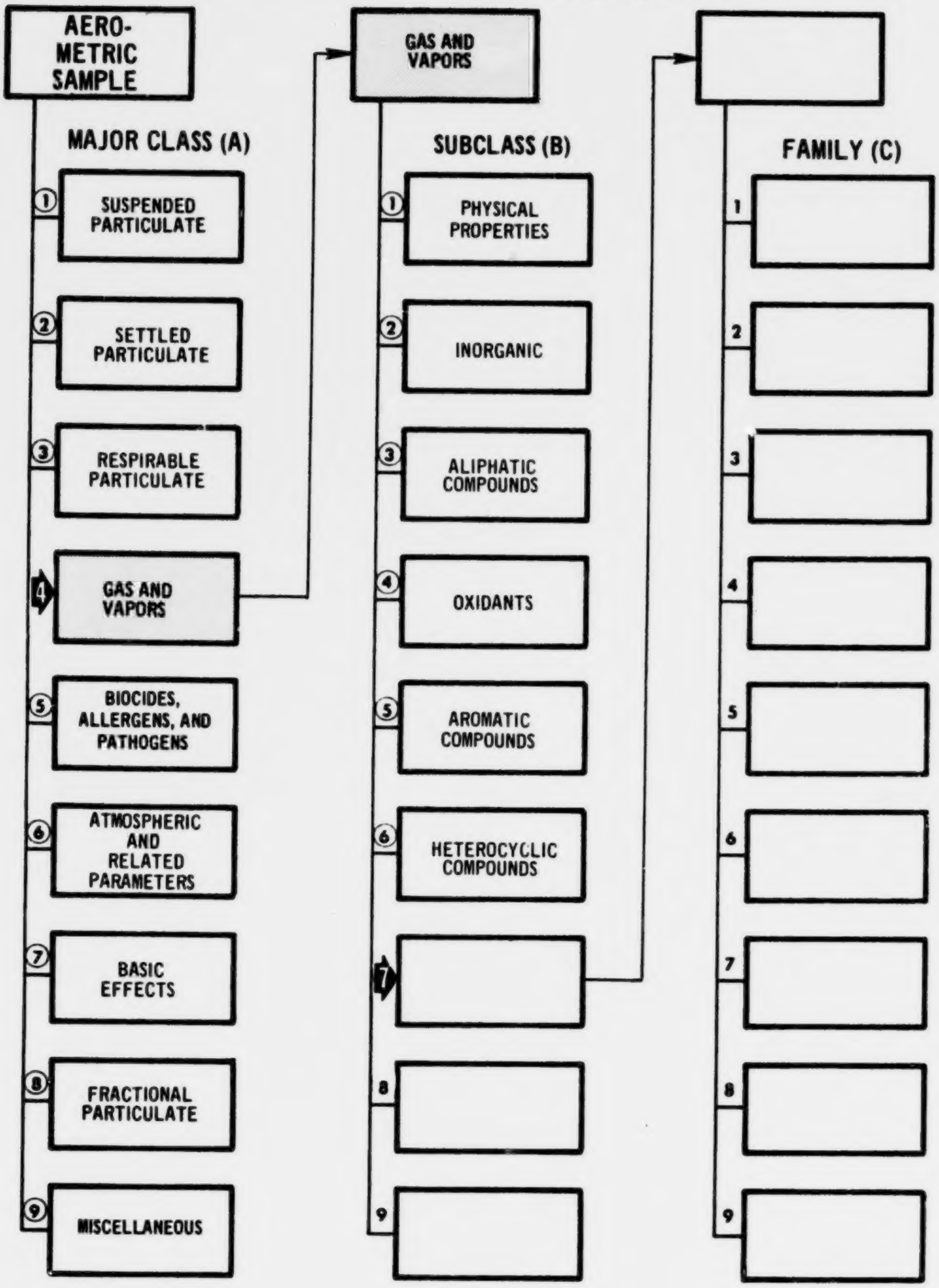
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| GASES AND VAPORS | 4 |
| HETEROCYCLIC COMPOUNDS | 46 |
| Nitrogen Compounds | 461 |
| Pyridine | 46101 |
| Oxygen Compounds | 462 |
| Sulfur Compounds | 463 |
| Nitrogen and Oxygen Compounds | 464 |
| Sulfur and Oxygen Compounds | 465 |
| Sulfur and Nitrogen Compounds | 466 |
| Other | 467 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
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FAMILY (C)
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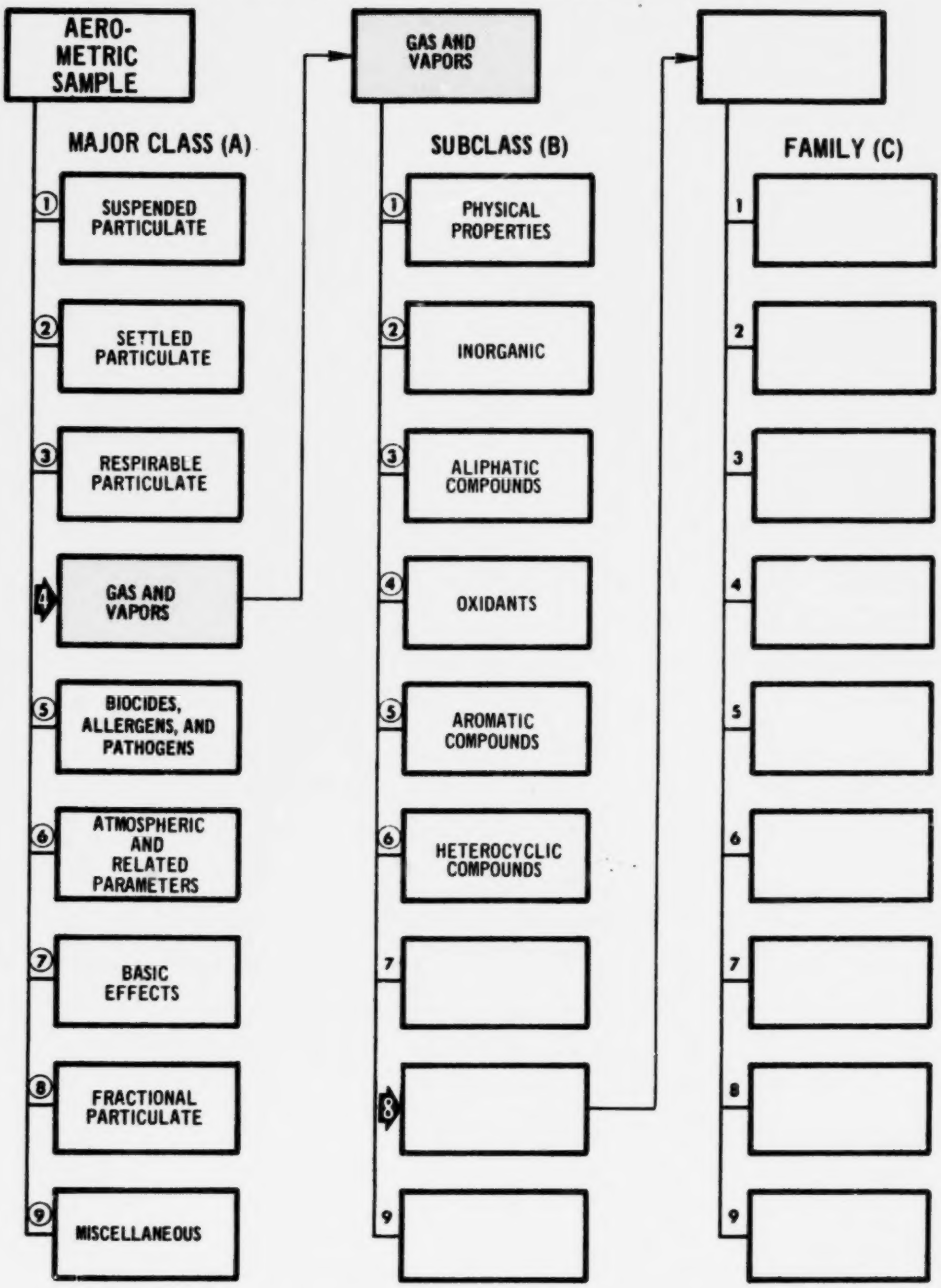
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-
METRIC
SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
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FAMILY (C)
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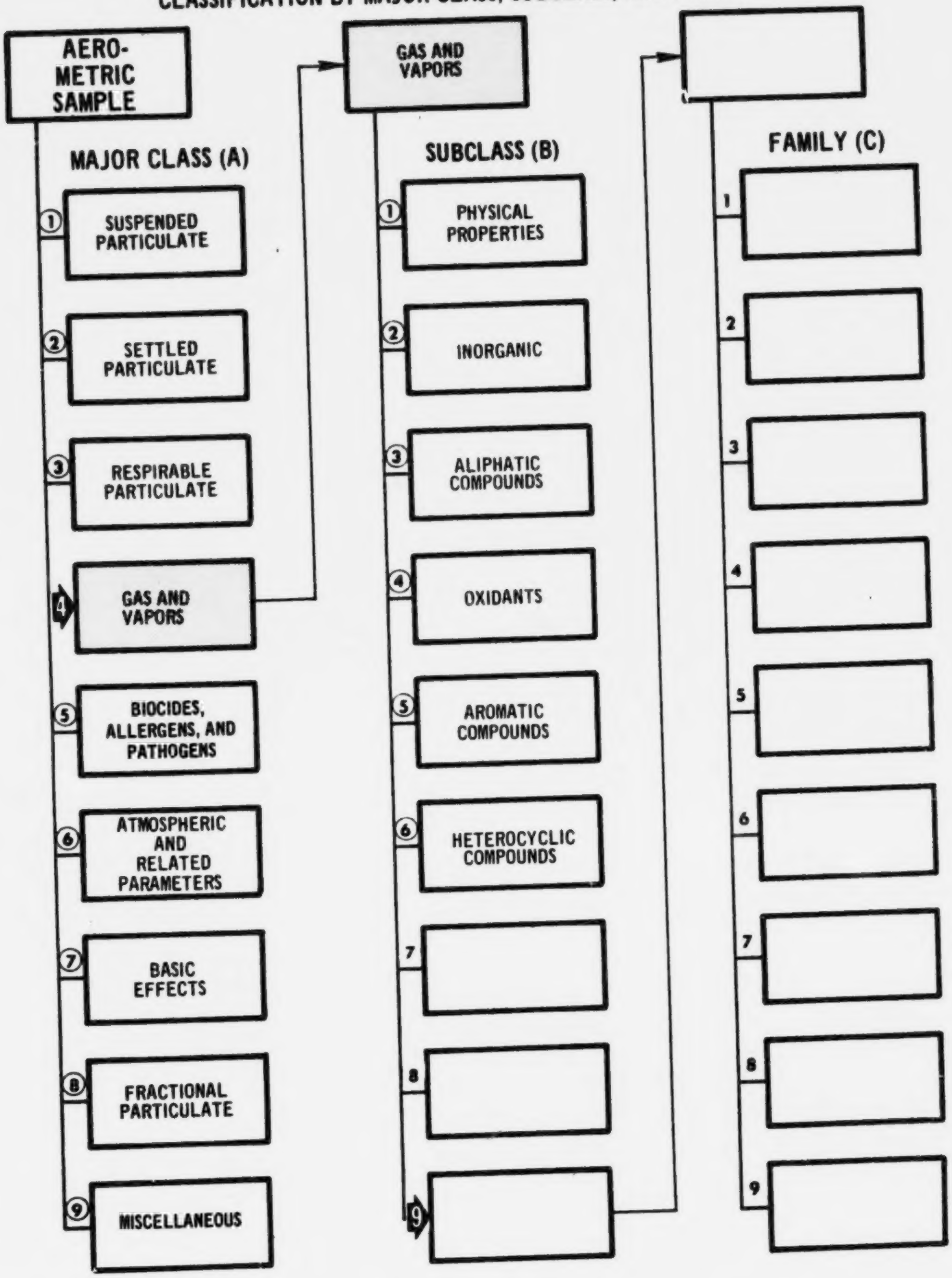
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
4 GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
GAS AND VAPORS
SUBCLASS (B)
① PHYSICAL PROPERTIES
② INORGANIC
③ ALIPHATIC COMPOUNDS
④ OXIDANTS
⑤ AROMATIC COMPOUNDS
⑥ HETEROCYCLIC COMPOUNDS
7
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9
FAMILY (C)
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# BIOCIDES, ALLERGENS, AND PATHOGENS

| Pollutant or Parameter | Code number | Page number |
|---|---|---|
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| Halogenated Hydrocarbons and Derivatives | 512 | 5-4 |
| Aliphatic Phosphorus Compounds | 513 | 5-4 |
| Aryl and Heterocyclic Phosphorus Compounds | 514 | 5-5 |
| Carbamates and Botanicals | 515 | 5-6 |
| Synergists, Attractants, Repellents, and Fumigants | 516 | 5-6 |
| Other Organic Compounds | 517 | 5-7 |
| Inorganic Compounds | 518 | 5-8 |
| MITICIDES AND NEMATOCIDES (chart) | 52 | 5-9 |
| Organo-Phosphorus Compounds | 521 | 5-10 |
| Halogenated Hydrocarbons and Derivatives | 522 | 5-10 |
| Organo-Sulfur Compounds | 523 | 5-11 |
| Other Organic Compounds | 524 | 5-11 |
| Inorganic Compounds | 525 | 5-11 |
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| Miscellaneous Organic Compounds | 544 | 5-20 |
| Inorganic Compounds | 545 | 5-21 |

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| Pollution or Parameter | Code number | Page number |
|---|---|---|
| BIOCIDES, ALLERGENS, PATHOGENS (chart) | 5 | 5-1 |
| POLLEN (chart) | 55 | 5-23 |
| Vesiculate | 551 | 5-24 |
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| Granular | 553 | 5-24 |
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| PATHOGENS (chart) | 56 | 5-27 |
| Eubacteriales | 561 | 5-28 |
| Spirochaetales and Mycoplasmatales | 562 | 5-28 |
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| Yeasts, Molds, and Actinomycetes | 566 | 5-28 |
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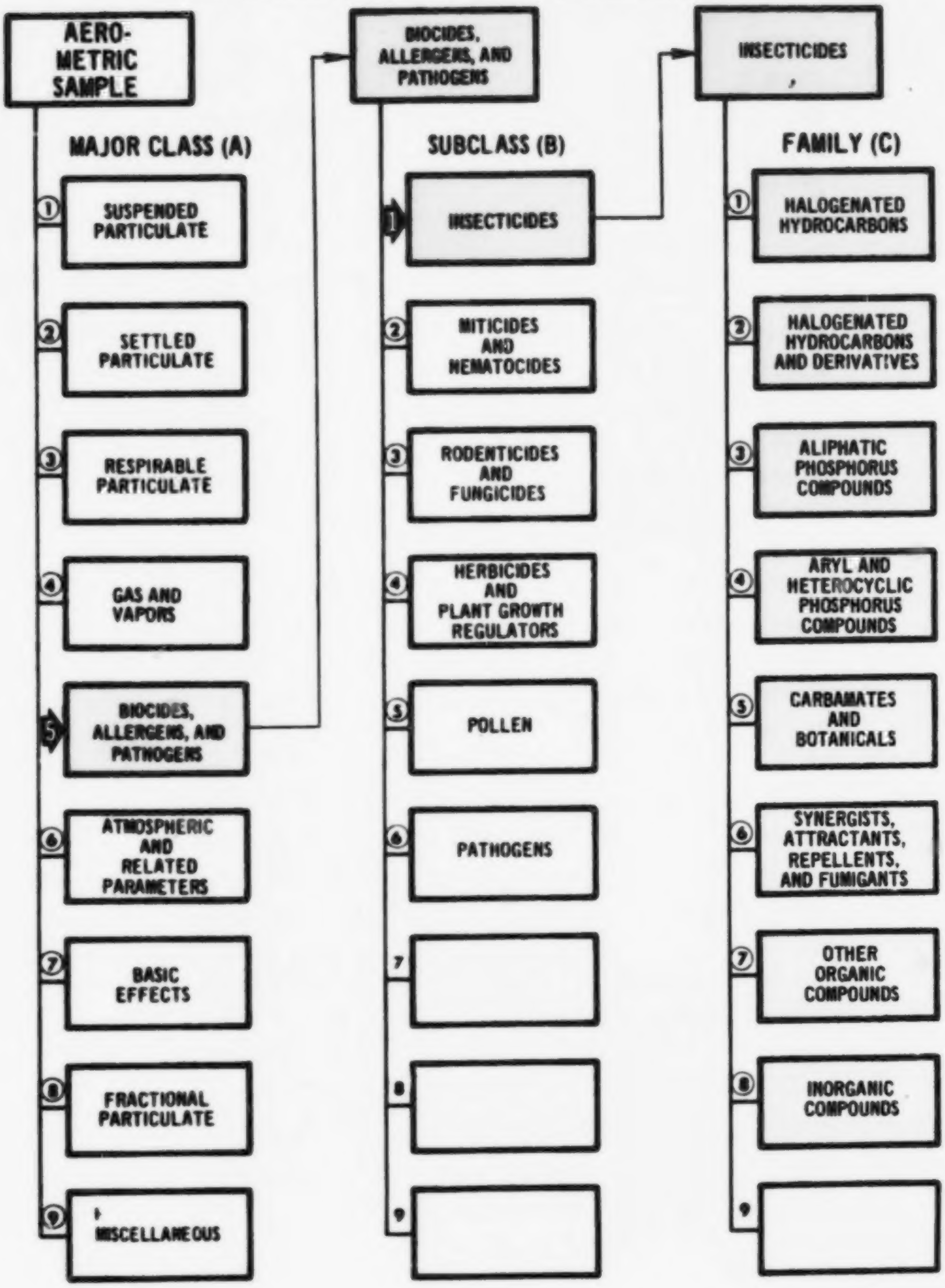
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
BIOCIDES, ALLERGENS, AND PATHOGENS
INSECTICIDES
MAJOR CLASS (A)
SUBCLASS (B)
FAMILY (C)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
1 INSECTICIDES
② MITICIDES AND NEMATOCIDES
③ RODENTICIDES AND FUNGICIDES
④ HERBICIDES AND PLANT GROWTH REGULATORS
⑤ POLLEN
⑥ PATHOGENS
7
8
9
① HALOGENATED HYDROCARBONS
② HALOGENATED HYDROCARBONS AND DERIVATIVES
③ ALIPHATIC PHOSPHORUS COMPOUNDS
④ ARYL AND HETEROCYCLIC PHOSPHORUS COMPOUNDS
⑤ CARBAMATES AND BOTANICALS
⑥ SYNERGISTS, ATTRACTANTS, REPELLENTS, AND FUMIGANTS
⑦ OTHER ORGANIC COMPOUNDS
⑧ INORGANIC COMPOUNDS
9

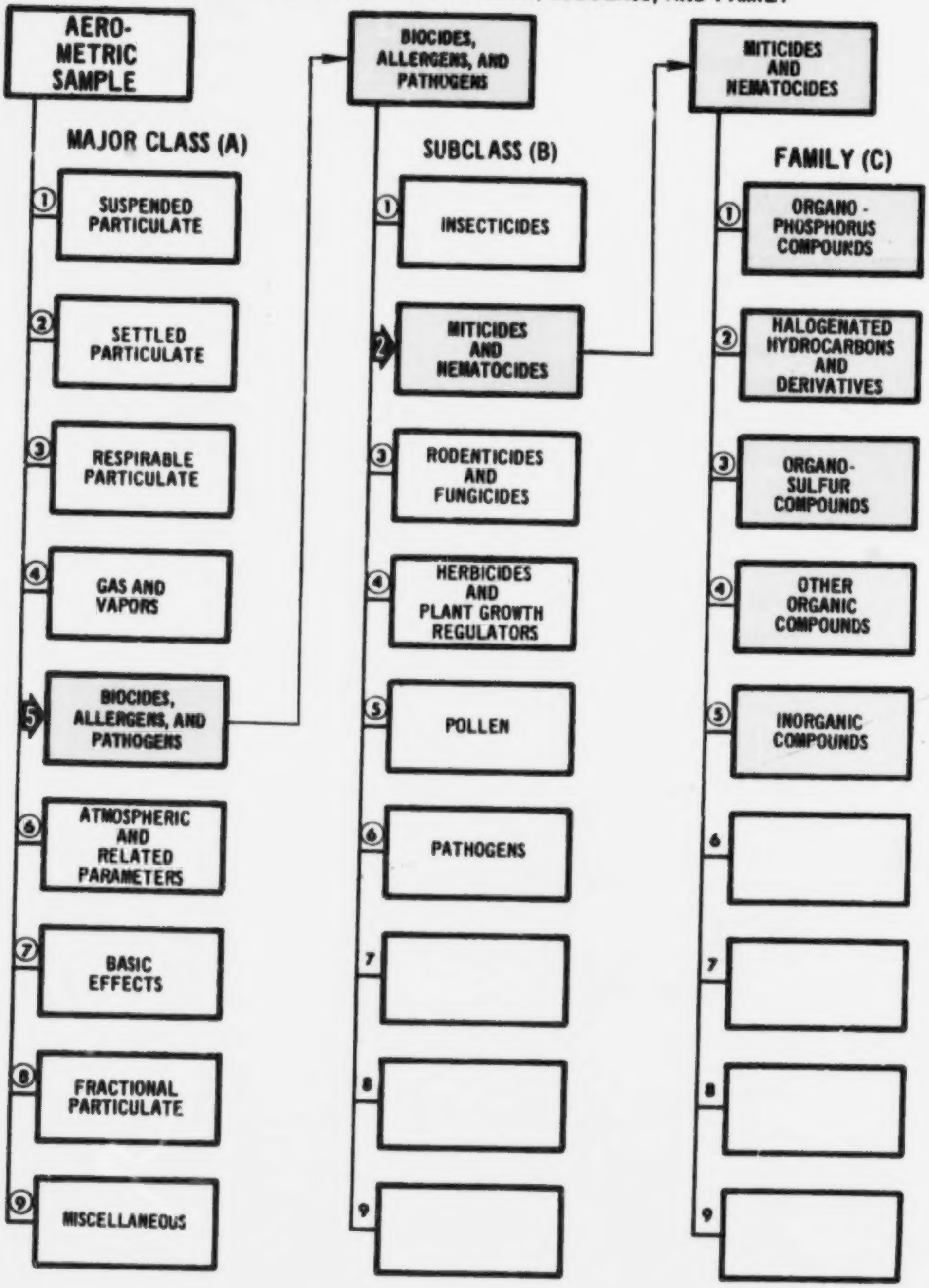
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| INSECTICIDES | 51 |
| Halogenated Hydrocarbons | 511 |
| Aldrin | 51101 |
| Bandane | 51102 |
| BHC | 51103 |
| Chlorodane | 51104 |
| Chloroform | 51105 |
| DDD (TDE) | 51106 |
| DDT | 51107 |
| EDB | 51108 |
| Heptachlor | 51109 |
| Lindane | 51110 |
| Methyl bromide | 51111 |
| Mirex | 51112 |
| Orthodichlorobenzene | 51113 |
| Paradichlorobenzene | 51114 |
| Perthane | 51115 |
| Strobane | 51116 |
| Toxaphene | 51117 |
| DDE | 51118 |
| Halogenated Hydrocarbons and Derivatives | 512 |
| Dieldrin | 51201 |
| Dilan | 51202 |
| Endosulfan | 51203 |
| Endrin | 51204 |
| Kepone | 51205 |
| Methoxychlor | 51206 |
| Sok | 51207 |
| Heptachlor epoxide | 51208 |
| Aliphatic Phosphorus Compounds | 513 |
| Aspon | 51301 |
| Azodrin | 51302 |
| Bidrin | 51303 |
| Bomyl | 51304 |
| Butonate | 51305 |
| Demeton | 51306 |
| Dichlorvos | 51307 |
| Dimethoate | 51308 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| INSECTICIDES | 51 |
| Aliphatic Phosphorus Compounds | 513 |
| Disulfoton | 51309 |
| Ethion | 51310 |
| Malathion | 51311 |
| Mecarbam | 51312 |
| Methyl demeton | 51313 |
| Mevinphos | 51314 |
| Monitor | 51315 |
| Naled | 51316 |
| Phorate | 51317 |
| Phosphamidon | 51318 |
| Prophos | 51319 |
| Schradan | 51320 |
| Tepp | 51321 |
| Trichlorofon | 51322 |
| Aryl and Heterocyclic Phosphorus Compounds | 514 |
| Akton | 51401 |
| Azinphosethyl | 51402 |
| Azinphosmethyl | 51403 |
| Carbophenothion | 51404 |
| Ciodrin | 51405 |
| Coumaphos | 51406 |
| Cyolane | 51407 |
| Dasanit | 51408 |
| Diazinon | 51409 |
| Dicapthon | 51410 |
| Dioxathion | 51411 |
| Dursba | 51412 |
| Dyfonate | 51413 |
| EPN | 51414 |
| Fenthion | 51415 |
| Gardona | 51416 |
| Imidan | 51417 |
| Menazon | 51418 |
| Methyl parathion | 51419 |
| Methyl trithion | 51420 |
| Parathion | 51421 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| INSECTICIDES | 51 |
| Synergists, Attractants, Repellents, and Fumigants | 516 |
| Gyplure | 51610 |
| Anthraquinone | 51611 |
| Ethyl hexanediol | 51612 |
| Butoxy polypropylene glycol | 51613 |
| Diethyltoluamide | 51614 |
| Dimethyl phthalate | 51615 |
| Dichloromethane | 51616 |
| Chloroform | 51617 |
| Carbon tetrachloride | 51618 |
| Ethylene dichloride | 51619 |
| Chloropicrin | 51620 |
| Methyl bromide | 51621 |
| Ethylene dibromide | 51622 |
| 1,2-dibromo-3-chloropropane | 51623 |
| Ethylene oxide | 51624 |
| Formaldehyde | 51625 |
| Hydrogen cyanide | 51626 |
| Acrylonitrile | 51627 |
| Benzene | 51628 |
| Naphthalene | 51629 |
| *p*-dichlorobenzene | 51630 |
| Carbon disulfide | 51631 |
| Sulfuryl fluoride | 51632 |
| Sulfur dioxide | 51633 |
| Thiram | 51634 |
| Other Organic Compounds | 517 |
| Chlorophenamidine | 51701 |
| Dinitrocyclohexylphenol | 51702 |
| Diphenylamine | 51703 |
| Lethane 384 | 51704 |
| Molinate | 51705 |
| Morestan | 51706 |
| Naphthalene | 51707 |
| Phenothiazine | 51708 |
| Thanite | 51709 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| INSECTICIDES | 51 |
| Inorganic Compounds | 518 |
| Aluminum phosphide | 51801 |
| Calcium arsenite | 51802 |
| Carbon disulfide | 51803 |
| Sodium fluoride | 51804 |
| Lead arsenate | 51805 |
| Silica gel | 51806 |
| Sulfuryl fluoride | 51807 |
| Sulfur dioxide | 51808 |

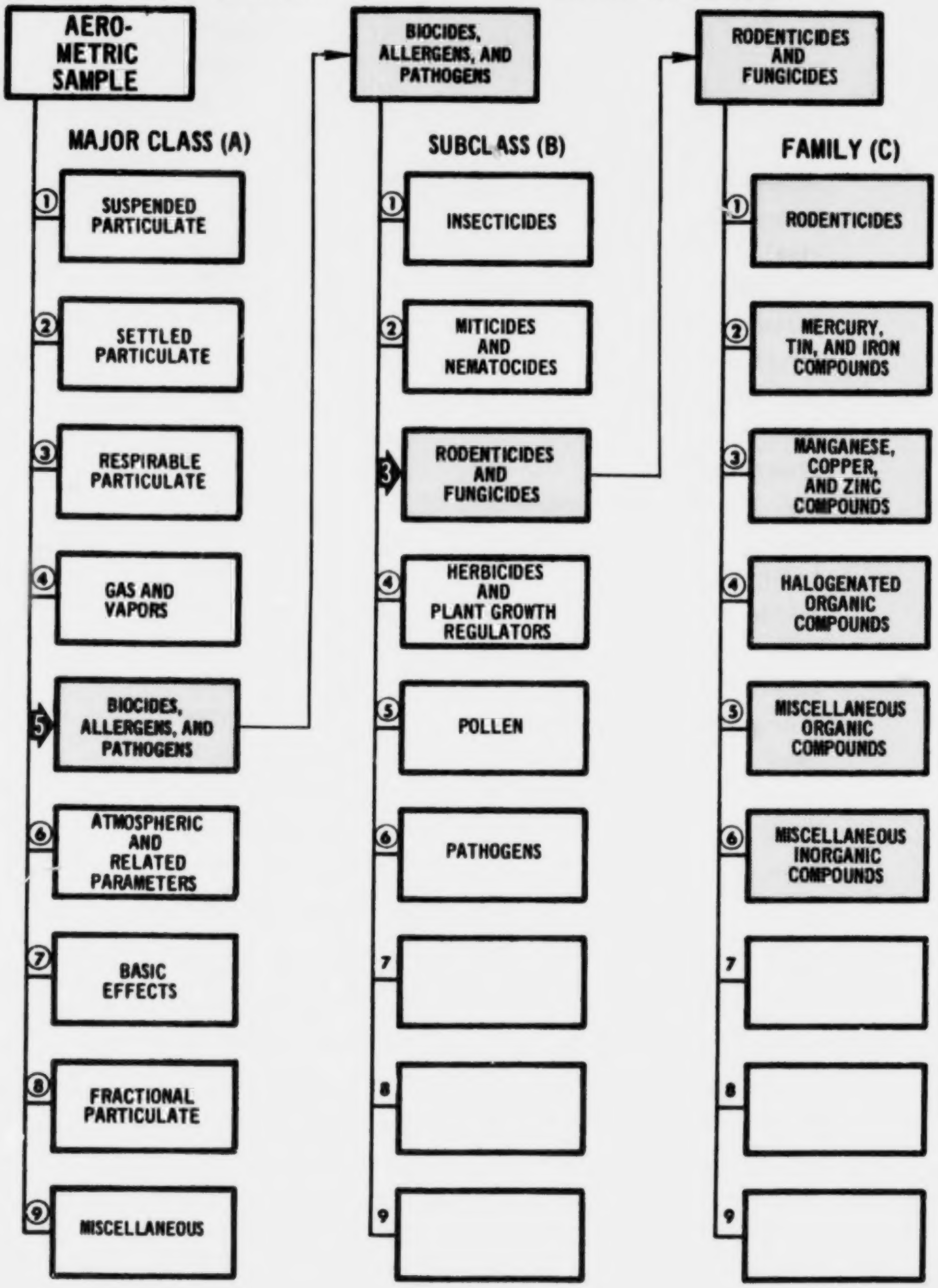
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
① INSECTICIDES
2 MITICIDES AND NEMATOCIDES
③ RODENTICIDES AND FUNGICIDES
④ HERBICIDES AND PLANT GROWTH REGULATORS
⑤ POLLEN
⑥ PATHOGENS
7
8
9
MITICIDES AND NEMATOCIDES
FAMILY (C)
① ORGANO-PHOSPHORUS COMPOUNDS
② HALOGENATED HYDROCARBONS AND DERIVATIVES
③ ORGANO-SULFUR COMPOUNDS
④ OTHER ORGANIC COMPOUNDS
⑤ INORGANIC COMPOUNDS
6
7
8
9

| **POLLUTANT OR PARAMETER** | **CODE** |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| MITICIDES AND NEMATOCIDES | 52 |
| Organo-Phosphorus Compounds | 521 |
| Aspon | 52101 |
| Carbophenothion | 52102 |
| Cyolane | 52103 |
| Dasanit | 52104 |
| Diazinon | 52105 |
| Dimefox | 52106 |
| Dioxathion | 52107 |
| EPN | 52108 |
| Ethion | 52109 |
| Gardona | 52110 |
| Imidan | 52111 |
| Mercarbam | 52112 |
| Menazon | 52113 |
| Methyl demeton | 52114 |
| Mevinphos | 52115 |
| Monitor | 52116 |
| Naled | 52117 |
| Nemacide | 52118 |
| Parathion | 52119 |
| Phosphamidon | 52120 |
| Prophos | 52121 |
| Sumithion | 52122 |
| Tepp | 52123 |
| Zinophos | 52124 |
| Halogenated Hydrocarbons and Derivatives | 522 |
| Acaralate | 52201 |
| Chlorobenzilate | 52202 |
| Chlorophenamidine | 52203 |
| DBCP | 52204 |
| D-D | 52205 |
| Dicofol | 52206 |
| Dimite | 52207 |
| EDB | 52208 |
| Lovozal | 52209 |
| Methyl bromide | 52210 |
| Ovex | 52211 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| MITICIDES AND NEMATOCIDES | 52 |
| Halogenated Hydrocarbons and Derivatives | 522 |
| Pentac | 52212 |
| Sok | 52213 |
| TCTP | 52214 |
| Tetradifon | 52215 |
| Organo-Sulfur Compounds | 523 |
| Aramite | 52301 |
| Chlorobenside | 52302 |
| Eradex | 52303 |
| Fenson | 52304 |
| Genite | 52305 |
| Mesurol | 52306 |
| Metham | 52307 |
| Methomyl | 52308 |
| Morestan | 52309 |
| Sulphenone | 52310 |
| Vorlex | 52311 |
| Other Organic Compounds | 524 |
| Azobenzene | 52401 |
| Binapicryl | 52402 |
| Carbofuran | 52403 |
| Carzol | 52404 |
| Dibuton | 52405 |
| Dinitrocyclohexylphenol | 52406 |
| Karathane | 52407 |
| Matacil | 52408 |
| Inorganic Compounds | 525 |
| Sulfur | 52501 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
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4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
1 INSECTICIDES
2 MITICIDES AND NEMATOCIDES
3 RODENTICIDES AND FUNGICIDES
4 HERBICIDES AND PLANT GROWTH REGULATORS
5 POLLEN
6 PATHOGENS
7
8
9
RODENTICIDES AND FUNGICIDES
FAMILY (C)
1 RODENTICIDES
2 MERCURY, TIN, AND IRON COMPOUNDS
3 MANGANESE, COPPER, AND ZINC COMPOUNDS
4 HALOGENATED ORGANIC COMPOUNDS
5 MISCELLANEOUS ORGANIC COMPOUNDS
6 MISCELLANEOUS INORGANIC COMPOUNDS
7
8
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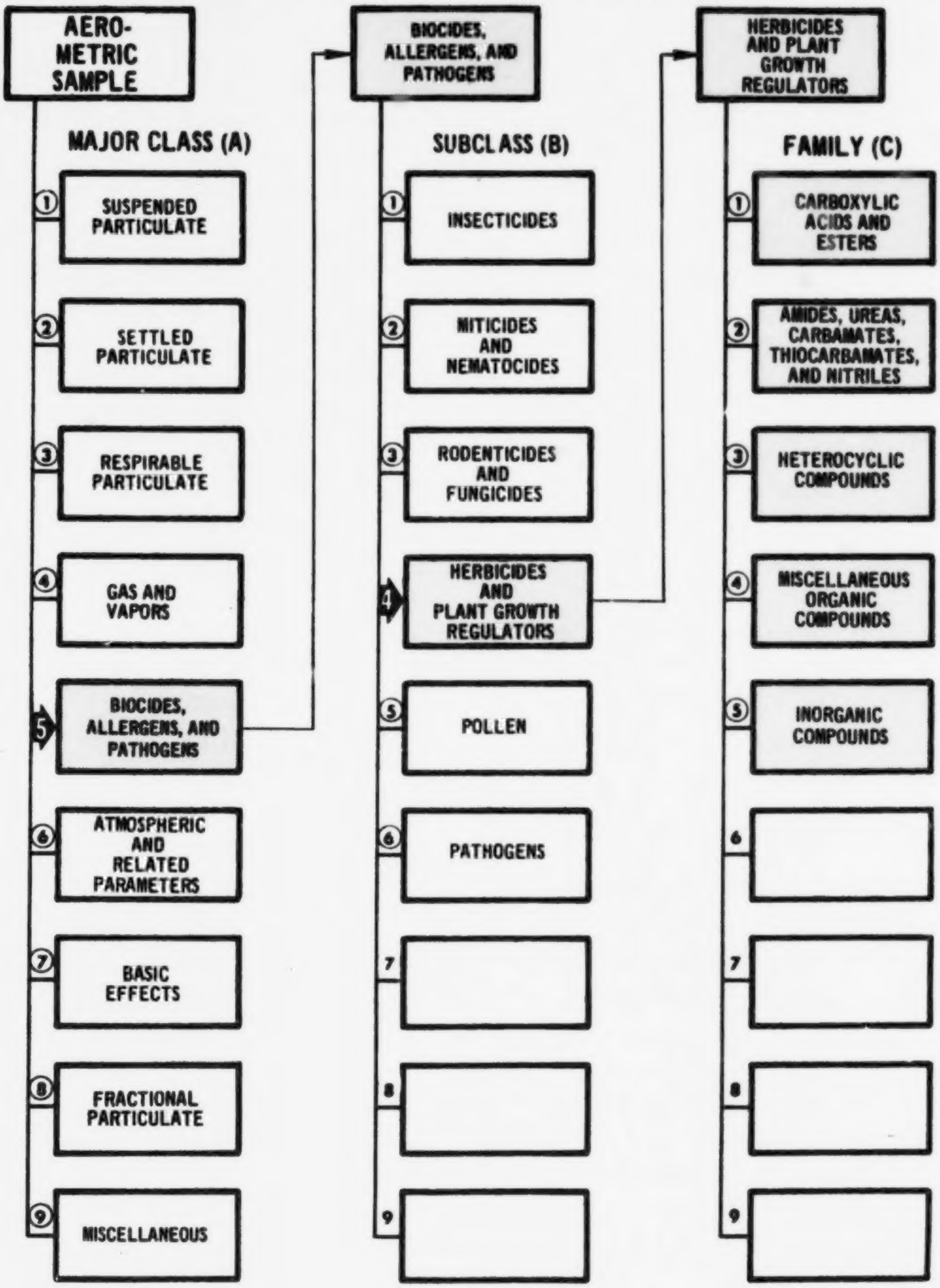
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| RODENTICIDES AND FUNGICIDES | 53 |
| Rodenticides | 531 |
| Antu | 53101 |
| Fumarin | 53102 |
| Diphacinone | 53103 |
| Endrin | 53104 |
| Gophacide | 53105 |
| Norbormide | 53106 |
| Pival | 53107 |
| Red squill | 53108 |
| Sodium fluoroacetate | 53109 |
| Strychnine | 53110 |
| Thallium sulfate | 53111 |
| Wafarin | 53112 |
| Zinc phosphide | 53113 |
| Mercury, Tin, and Iron Compounds | 532 |
| Ceresan L | 53201 |
| Ceresan M | 53202 |
| Elcide 73 | 53203 |
| EMMI | 53204 |
| Ethyl mercuric chloride | 53205 |
| Hydroxymercurichlorophenol | 53206 |
| Memmi | 53207 |
| Mercuric chloride | 53208 |
| Ortho lm | 53209 |
| Pahogen | 53210 |
| PAS | 53211 |
| Phenyl mercuric urea | 53212 |
| PMA | 53213 |
| Semesan bel | 53214 |
| Ferbam | 53215 |
| Triphenyl tin hydroxide | 53216 |
| Manganese, Copper, and Zinc Compounds | 533 |
| Basic copper carbonate | 53301 |
| Bordeaux mixture | 53302 |
| Copper naphthenate | 53303 |
| Copper oleate | 53304 |
| Copper oxychloride sulfate | 53305 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| RODENTICIDES AND FUNGICIDES | 53 |
| Manganese, Copper, and Zinc Compounds | 533 |
| Copper 8-quinolinate | 53306 |
| Copper sulfate | 53307 |
| Copper zinc chromate | 53308 |
| Cuprous oxide | 53309 |
| Dithane M-45 | 53310 |
| Dithane S-31 | 53311 |
| Maneb | 53312 |
| Niacide | 53313 |
| Poluram | 53314 |
| Zineb | 53315 |
| Ziram | 53316 |
| Halogenated Organic Compounds | 534 |
| Captan | 53401 |
| Chloranic | 53402 |
| Chloroneb | 53403 |
| Daconil 2787 | 53404 |
| DCNA | 53405 |
| Dichlone | 53406 |
| Difolatan | 53407 |
| Dyrene | 53408 |
| Folpet | 53409 |
| HCB | 53410 |
| Lanstan | 53411 |
| Paradichlorobenzene | 53412 |
| PCNB | 53413 |
| PCP | 53414 |
| Pipron | 53415 |
| Terrazole | 53416 |
| TCNB | 53417 |
| Tricamba | 53418 |
| Miscellaneous Organic Compounds | 535 |
| Benlate | 53501 |
| Biphenyl | 53502 |
| Calcium cyanamide | 53503 |
| Cycloheximide | 53504 |
| Dazomet | 53505 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| RODENTICIDES AND FUNGICIDES | 53 |
| Miscellaneous Organic Compounds | 535 |
| Dehydroacetic acid | 53506 |
| Dexon | 53507 |
| Eradex | 53508 |
| Ethoxyquin | 53509 |
| Glyodin | 53510 |
| Griseofulvin | 53511 |
| Karathane | 53512 |
| Metham | 53513 |
| Morestan | 53514 |
| Orthophenylphenol | 53515 |
| Plantvax | 53516 |
| 8-quinolinol | 53517 |
| Streptomycin | 53518 |
| Thiram | 53519 |
| Vitavax | 53520 |
| Vorlex | 53521 |
| Miscellaneous Inorganic Compounds | 536 |
| Sulfur | 53601 |
| Lime sulfur | 53602 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
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3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
1 INSECTICIDES
2 MITICIDES AND NEMATOCIDES
3 RODENTICIDES AND FUNGICIDES
4 HERBICIDES AND PLANT GROWTH REGULATORS
5 POLLEN
6 PATHOGENS
7
8
9
HERBICIDES AND PLANT GROWTH REGULATORS
FAMILY (C)
1 CARBOXYLIC ACIDS AND ESTERS
2 AMIDES, UREAS, CARBAMATES, THIOCARBAMATES, AND NITRILES
3 HETEROCYCLIC COMPOUNDS
4 MISCELLANEOUS ORGANIC COMPOUNDS
5 INORGANIC COMPOUNDS
6
7
8
9

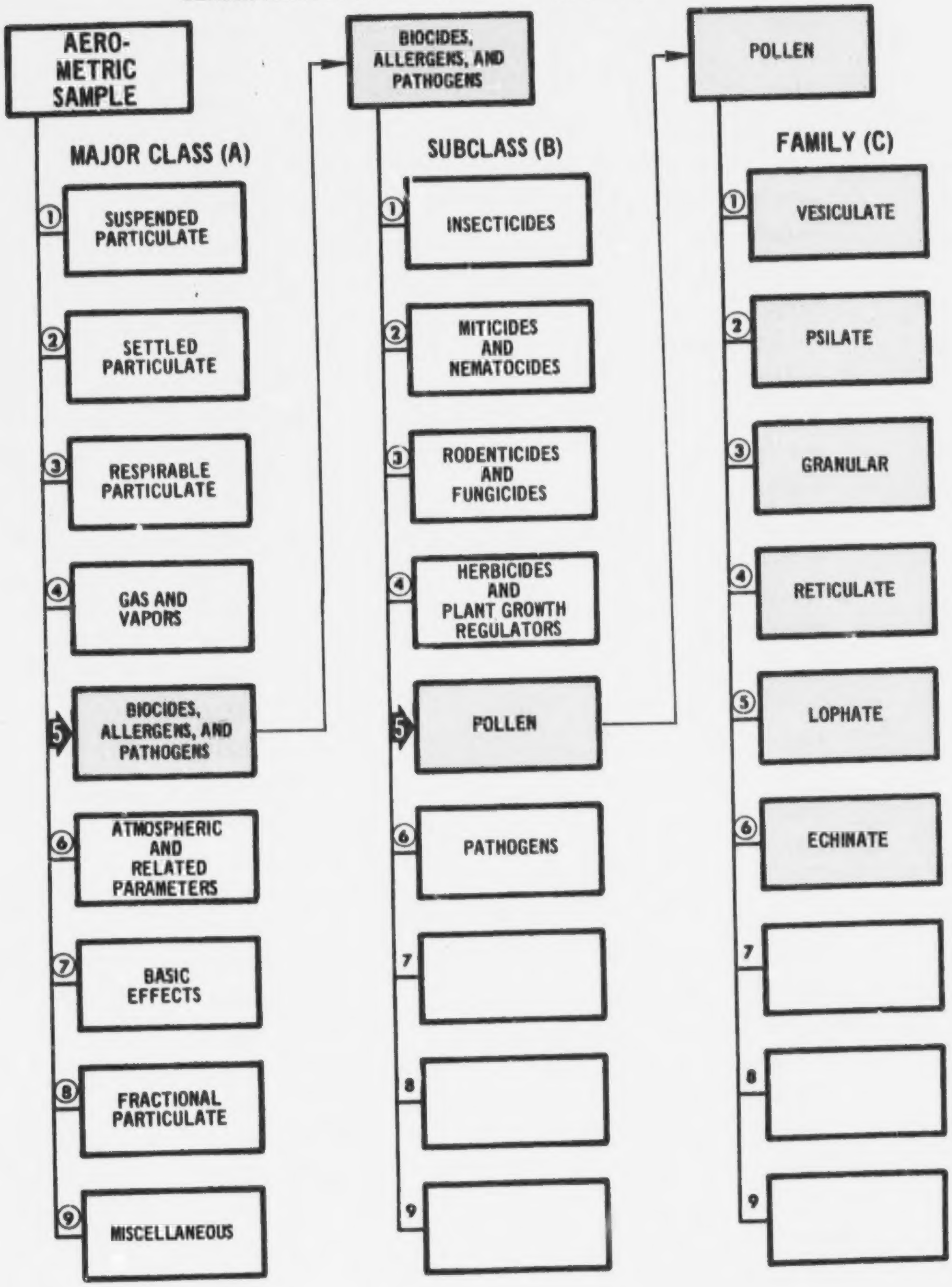
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| HERBICIDES AND PLANT GROWTH REGULATORS | 54 |
| Carboxylic Acids and Esters | 541 |
| Amiben | 54101 |
| 4-CPA | 54102 |
| 2,4-D (total) | 54103 |
| Dalapon | 54104 |
| 2,4-DB | 54105 |
| DCPA | 54106 |
| Dicamba | 54107 |
| Dichloroprop | 54108 |
| EGT | 54109 |
| Endothal | 54110 |
| Erbon | 54111 |
| Fenac | 54112 |
| Gibberellic acid | 54113 |
| Indolebutyric acid | 54114 |
| MCPA | 54115 |
| MCPB | 54116 |
| MCPP | 54117 |
| Naphthaleneacetic acid | 54118 |
| Naptalam | 54119 |
| Picloram | 54120 |
| Silvex | 54121 |
| 2,4,5-T | 54122 |
| TCA | 54123 |
| TIBA | 54124 |
| 2,4-D *iso*-octyl ester | 54125 |
| 2,4-D *n*-octyl ester | 54126 |
| 2,4-D methyl ester | 54127 |
| 2,4-D *n*-propyl ester | 54128 |
| 2,4-D *iso*-propyl ester | 54129 |
| 2,4-D *n*-butyl ester | 54130 |
| 2,4-D *iso*-butyl ester | 54131 |
| 2,4-D acid | 54132 |
| Amides, Ureas, Carbamates, Thiocarbamates, and Nitriles | 542 |
| Barban | 54201 |
| Betanal | 54202 |
| Bromoxynil | 54203 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| HERBICIDES AND PLANT GROWTH REGULATORS | 54 |
| Amides, Ureas, Carbamates, Thiocarbamates, and Nitriles | 542 |
| Butylate | 54204 |
| CDAA | 54205 |
| CDEC | 54206 |
| Chloroxuron | 54207 |
| Chlorpropham | 54208 |
| Cycolate | 54209 |
| Cypromid | 54210 |
| DCU | 54211 |
| Diallate | 54212 |
| Dichlobenil | 54213 |
| Diphenamid | 54214 |
| Diphenatrile | 54215 |
| Diuron | 54216 |
| EPTC | 54217 |
| Fenuron | 54218 |
| Fluometuron | 54220 |
| Ioxynil | 54221 |
| Lasso | 54222 |
| Linuron | 54223 |
| Maloran | 54224 |
| Metobromuron | 54225 |
| Monuron | 54226 |
| Monuron TCA | 54227 |
| Naphthalene acetamide | 54228 |
| Neburon | 54229 |
| Norea | 54230 |
| PBA | 54231 |
| Pebulate | 54232 |
| Propachlor | 54233 |
| Propanil | 54234 |
| Propham | 54235 |
| Siduron | 54236 |
| Solan | 54237 |
| Succinic acid dimethylhydrazide | 54238 |
| Tandex | 54239 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| HERBICIDES AND PLANT GROWTH REGULATORS | 54 |
| Amides, Ureas, Carbamates, Thiocarbamates, and Nitriles | 542 |
| 2,3,6-TBA | 54240 |
| Terbutol | 54241 |
| Triallate | 54242 |
| Vernolate | 54243 |
| Heterocyclic Compounds | 543 |
| Ametryne | 54301 |
| Amitrol | 54302 |
| Atratrone | 54303 |
| Atrazine | 54304 |
| Chlorazine | 54305 |
| Dazomet | 54306 |
| Diguat | 54307 |
| Igran 80w | 54308 |
| Isocil | 54309 |
| Lenacil | 54310 |
| MH | 54311 |
| MPMT | 54312 |
| Paraquat | 54313 |
| Prometone | 54314 |
| Prometryne | 54315 |
| Propazine | 54316 |
| Pyrazon | 54317 |
| Simazine | 54318 |
| Terbacil | 54319 |
| Miscellaneous Organic Compounds | 544 |
| Acrolein | 54401 |
| Allyl alcohol | 54402 |
| Bandane | 54403 |
| Benefin | 54404 |
| Bensulide | 54405 |
| Cycocel | 54406 |
| DEF | 54407 |
| 2,4-DEP | 54408 |
| Dinoseb | 54409 |
| DNOC | 54410 |
| Ethylene | 54411 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| HERBICIDES AND PLANT GROWTH REGULATORS | 54 |
| Miscellaneous Organic Compounds | 544 |
| EXD | 54412 |
| Folex | 54413 |
| HCA | 54414 |
| Metham | 54415 |
| NIA 10637 | 54416 |
| Nitralin | 54417 |
| Nitrofen | 54418 |
| Penar | 54419 |
| Phosfon | 54420 |
| PMA | 54421 |
| Preforan | 54422 |
| Sesone | 54423 |
| TBP | 54424 |
| TCBC | 54425 |
| Trifluralin | 54426 |
| Inorganic Compounds | 545 |
| AMS | 54501 |
| Arsenic acid | 54502 |
| Borax | 54503 |
| Cacodylic acid | 54504 |
| Calcium cyanamide | 54505 |
| CMA | 54506 |
| DSMA | 54507 |
| Potassium cyanate | 54508 |
| Magnesium chlorate | 54509 |
| MAMA | 54510 |
| MSMA | 54511 |
| Sodium arsenite | 54512 |
| Sodium chlorate | 54513 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
⑥ ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
① INSECTICIDES
② MITICIDES AND NEMATOCIDES
③ RODENTICIDES AND FUNGICIDES
④ HERBICIDES AND PLANT GROWTH REGULATORS
5 POLLEN
⑥ PATHOGENS
7
8
9
POLLEN
FAMILY (C)
① VESICULATE
② PSILATE
③ GRANULAR
④ RETICULATE
⑤ LOPHATE
⑥ ECHINATE
7
8
9

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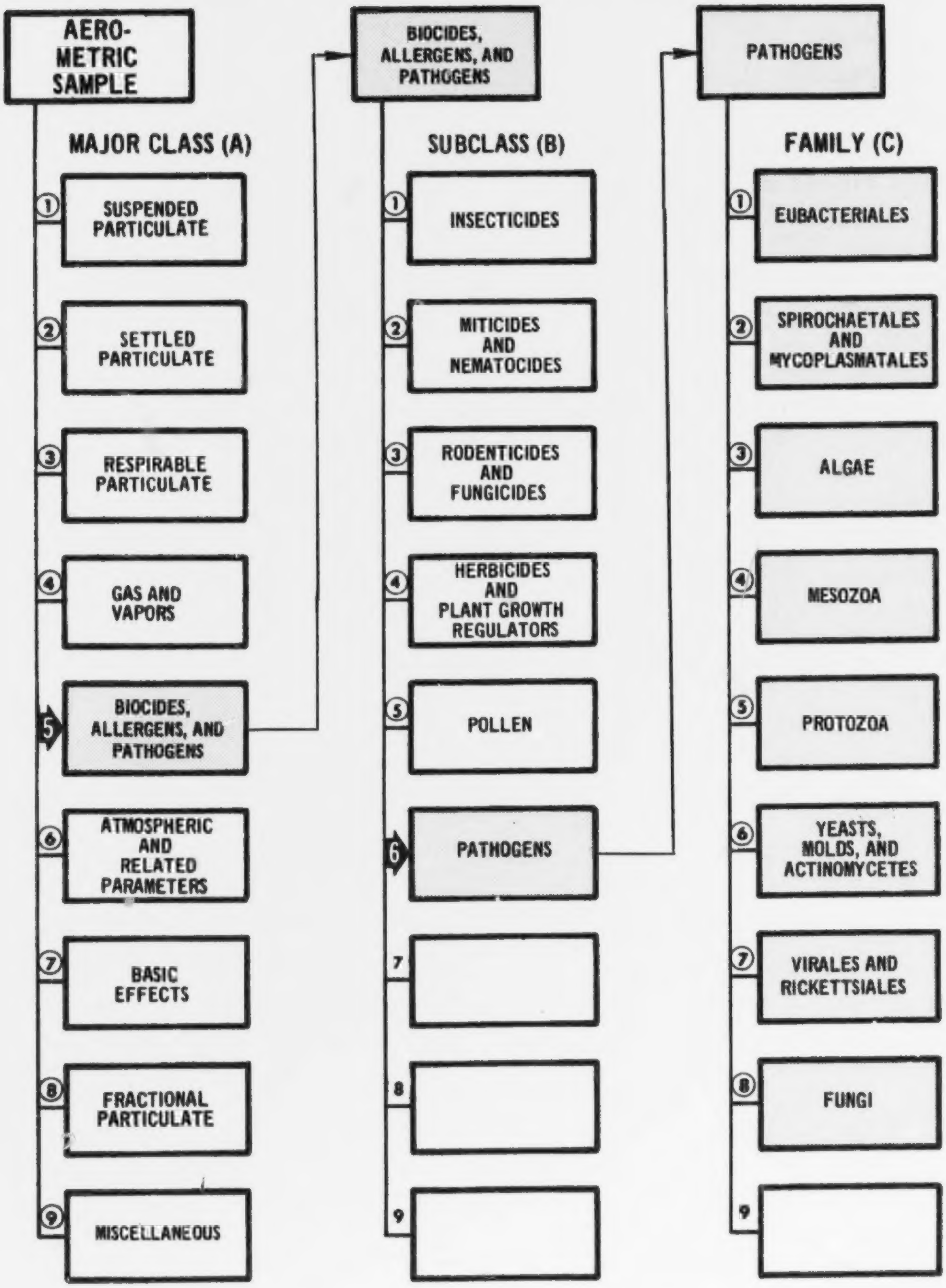
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| POLLEN | 55 |
| Vesiculate | 551 |
| Abies | 55101 |
| Picea | 55102 |
| Pinus | 55103 |
| Psilate | 552 |
| Acer | 55201 |
| Amaranthaceae | 55202 |
| Artemisia | 55203 |
| Betulaceae | 55204 |
| Carya | 55205 |
| Chenopodiaceae | 55206 |
| Cyperaceae | 55207 |
| Fagus | 55208 |
| Gramineae | 55209 |
| Juglans | 55210 |
| Juniperus | 55211 |
| Myricaceae | 55212 |
| Plantago | 55213 |
| Plantanus | 55214 |
| Populus | 55215 |
| Quercus | 55216 |
| Rumex | 55217 |
| Tilia | 55218 |
| Ulmus | 55219 |
| Granular | 553 |
| Acer | 55301 |
| Artemisia | 55302 |
| Tsuga | 55303 |
| Quercus | 55304 |
| Reticulate | 554 |
| Fraximus | 55401 |
| Platamus | 55402 |
| Salix | 55403 |
| Tilia | 55404 |
| Lophate | 555 |
| Echinate | 556 |
| Ambrosia | 55601 |

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| POLLEN | 55 |
| Echinate | 556 |
| Artemisia | 55602 |
| Iva | 55603 |
| Iva xanthifolia | 55604 |
| Solidago | 55605 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
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BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
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③ RODENTICIDES AND FUNGICIDES
④ HERBICIDES AND PLANT GROWTH REGULATORS
⑤ POLLEN
6 PATHOGENS
7
8
9
PATHOGENS
FAMILY (C)
① EUBACTERIALES
② SPIROCHAETALES AND MYCOPLASMATALES
③ ALGAE
④ MESOZOA
⑤ PROTOZOA
⑥ YEASTS, MOLDS, AND ACTINOMYCETES
⑦ VIRALES AND RICKETTSIALES
⑧ FUNGI
9

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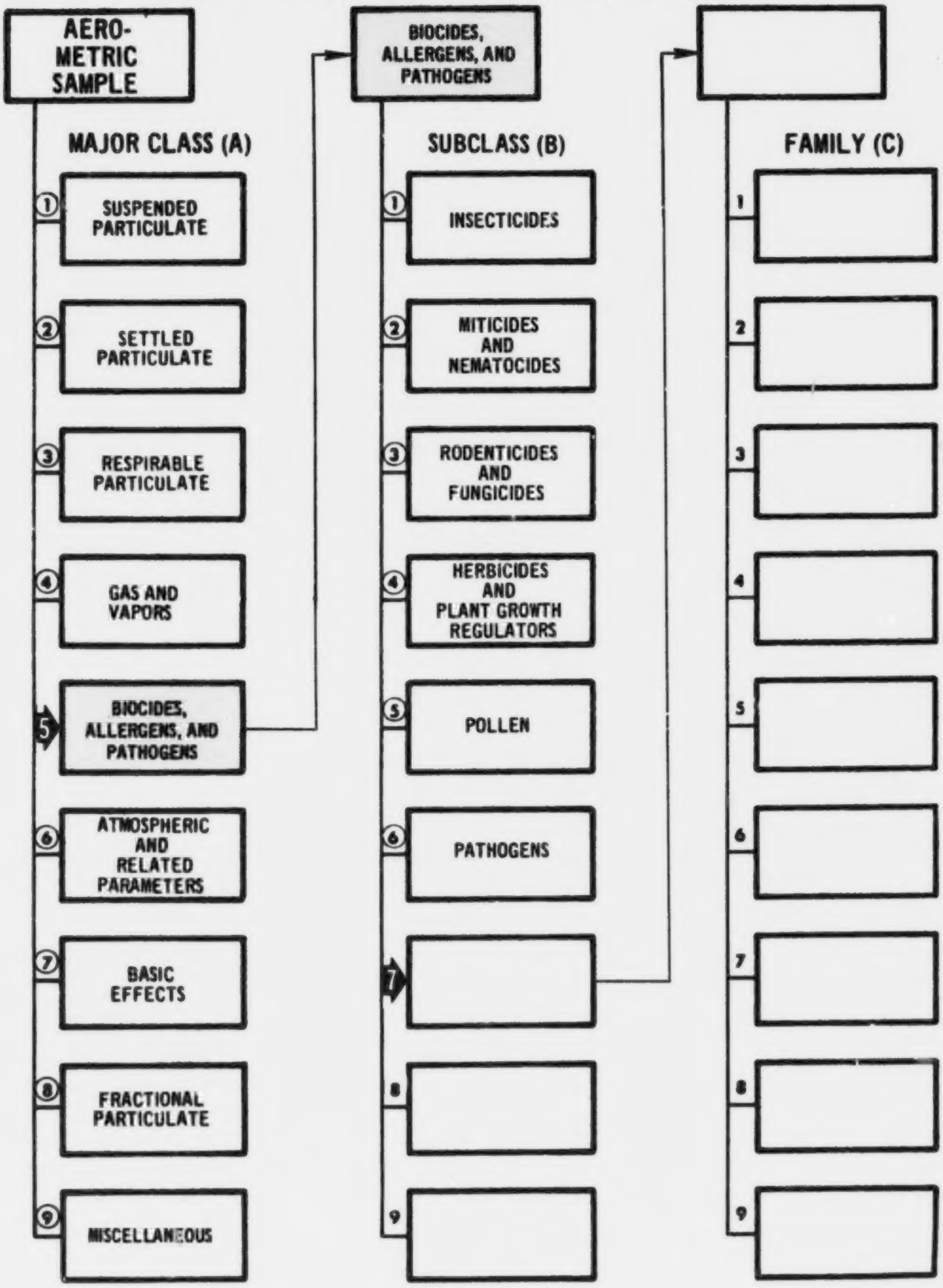
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| BIOCIDES, ALLERGENS, AND PATHOGENS | 5 |
| PATHOGENS | 56 |
| Eubacteriales | 561 |
| Spirochaetales and Mycoplasmatales | 562 |
| Algae | 563 |
| Mesozoa | 564 |
| Protozoa | 565 |
| Yeasts, Molds, and Actinomycetes | 566 |
| Virales and Rickettsiales | 567 |
| Fungi | 568 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY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MAJOR CLASS (A)
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BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
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2 MITICIDES AND NEMATOCIDES
3 RODENTICIDES AND FUNGICIDES
4 HERBICIDES AND PLANT GROWTH REGULATORS
5 POLLEN
6 PATHOGENS
7
8
9
FAMILY (C)
1
2
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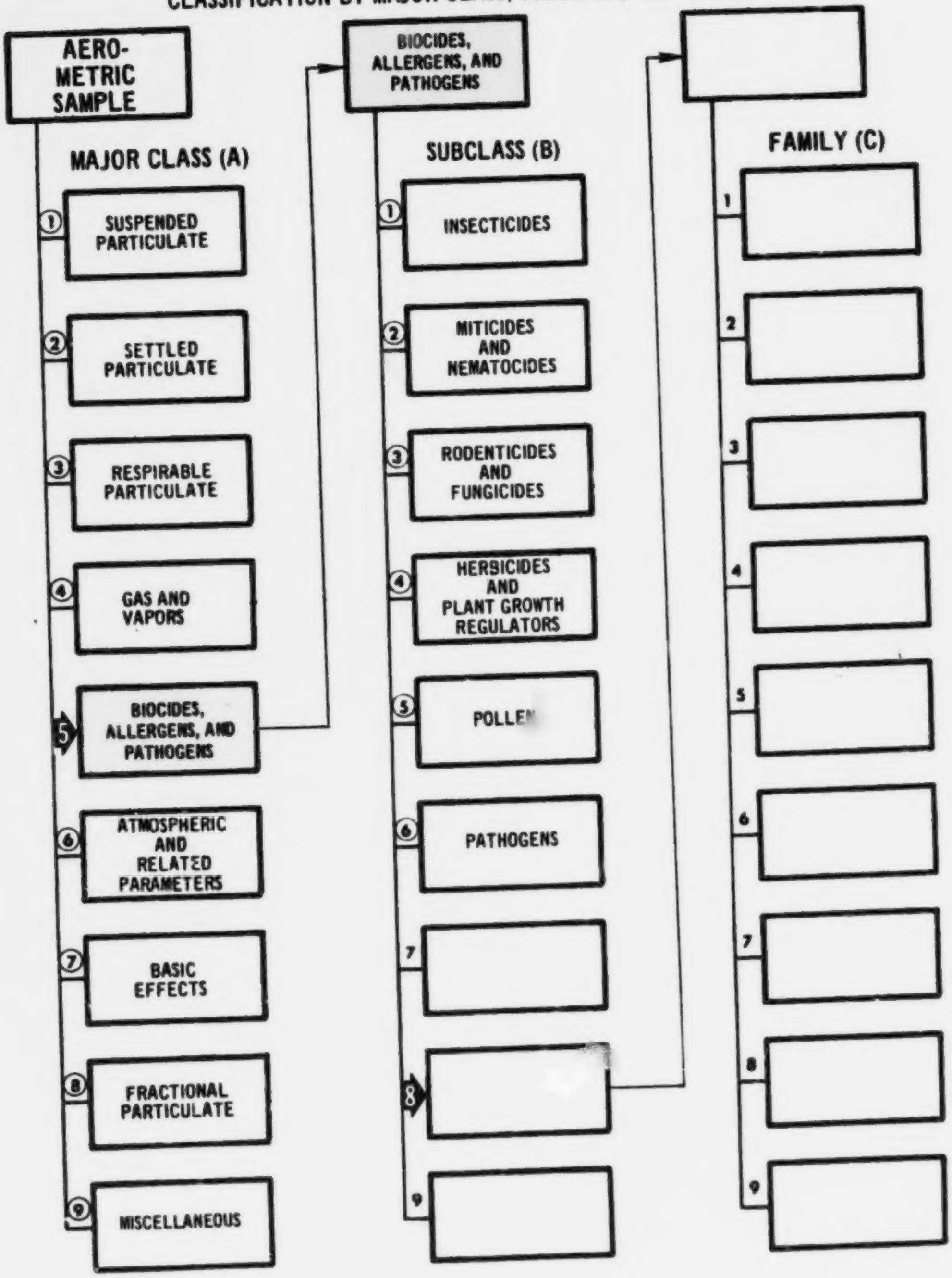
9

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY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MAJOR CLASS (A)
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BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
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⑤ POLLEN
⑥ PATHOGENS
7
8
9
FAMILY (C)
1
2
3
4
5
6
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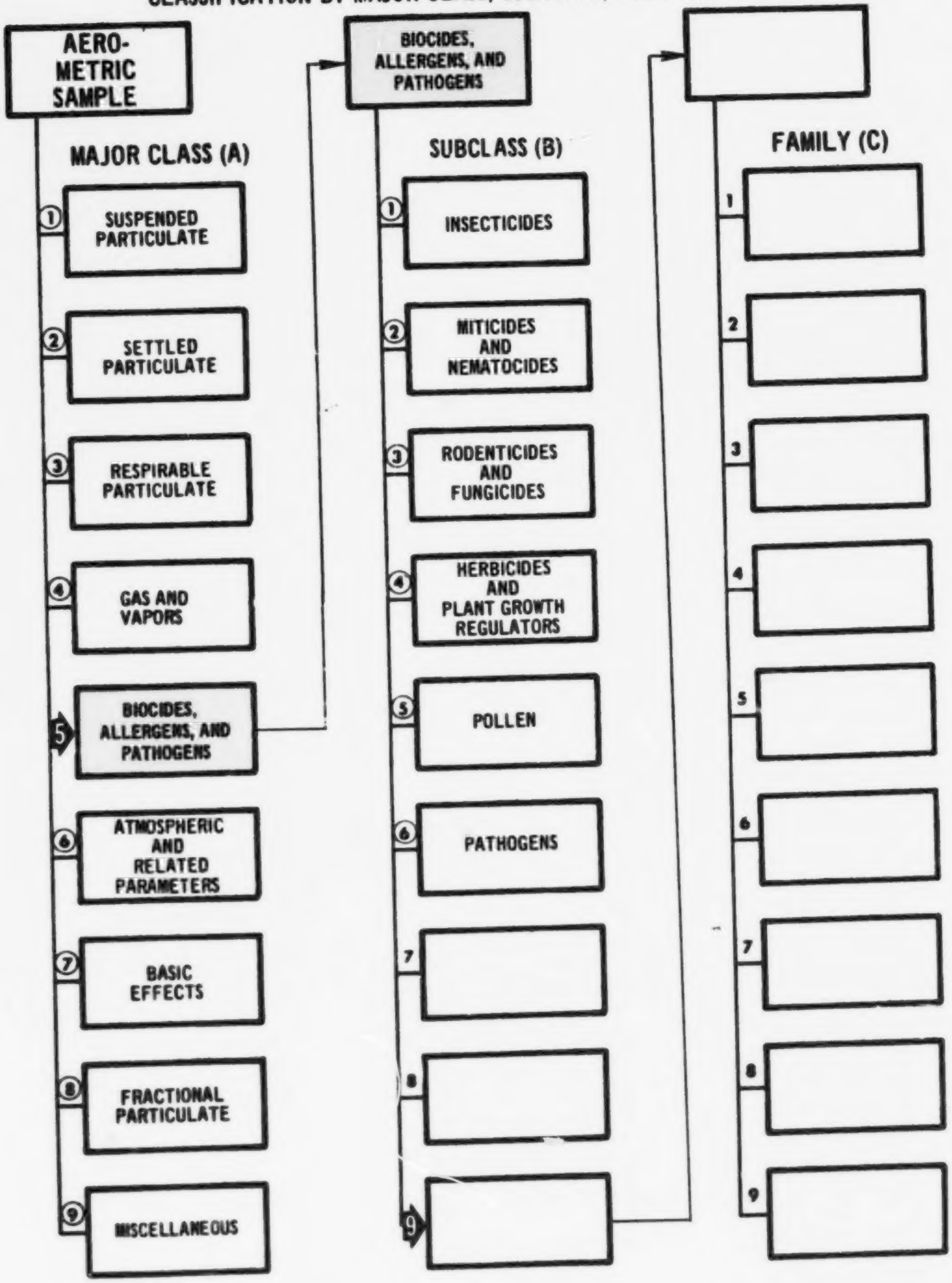
CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
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BIOCIDES, ALLERGENS, AND PATHOGENS
SUBCLASS (B)
① INSECTICIDES
② MITICIDES AND NEMATOCIDES
③ RODENTICIDES AND FUNGICIDES
④ HERBICIDES AND PLANT GROWTH REGULATORS
⑤ POLLEN
⑥ PATHOGENS
7
8
9
FAMILY (C)
1
2
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# ATMOSPHERIC AND RELATED PARAMETERS

| Pollutant or Parameter | Code number | Page number |
|---|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS (chart) | 6 | 6-1 |
| VENTILATION DIFFUSION (chart) | 61 | 6-3 |
| Wind | 611 | 6-4 |
| Inversion | 612 | 6-4 |
| TEMPERATURE, HUMIDITY, DEGREE DAYS (chart) | 62 | 6-5 |
| Temperature | 621 | 6-6 |
| Humidity | 622 | 6-6 |
| Degree Days | 623 | 6-6 |
| VISIBILITY, SOLAR RADIATION (chart) | 63 | 6-7 |
| Visibility | 631 | 6-8 |
| Light Transmission | 632 | 6-8 |
| Solar Radiation | 633 | 6-8 |
| ATMOSPHERIC PRESSURE (chart) | 64 | 6-9 |
| Barometric Pressure | 641 | 6-10 |
| Vapor Pressure | 642 | 6-10 |
| PRECIPITATION (chart) | 65 | 6-11 |
| Precipitation | 651 | 6-12 |
| Ground Cover | 652 | 6-12 |
| Composition | 653 | 6-12 |
| WEATHER CONDITIONS (chart) | 66 | 6-13 |
| Sky Conditions | 661 | 6-14 |
| Surface Conditions | 662 | 6-14 |
| Weather Conditions | 663 | 6-14 |
| ELECTRICAL PHENOMENA (chart) | 67 | 6-15 |
| Ion Density | 671 | 6-16 |
| Potential Gradient | 672 | 6-16 |

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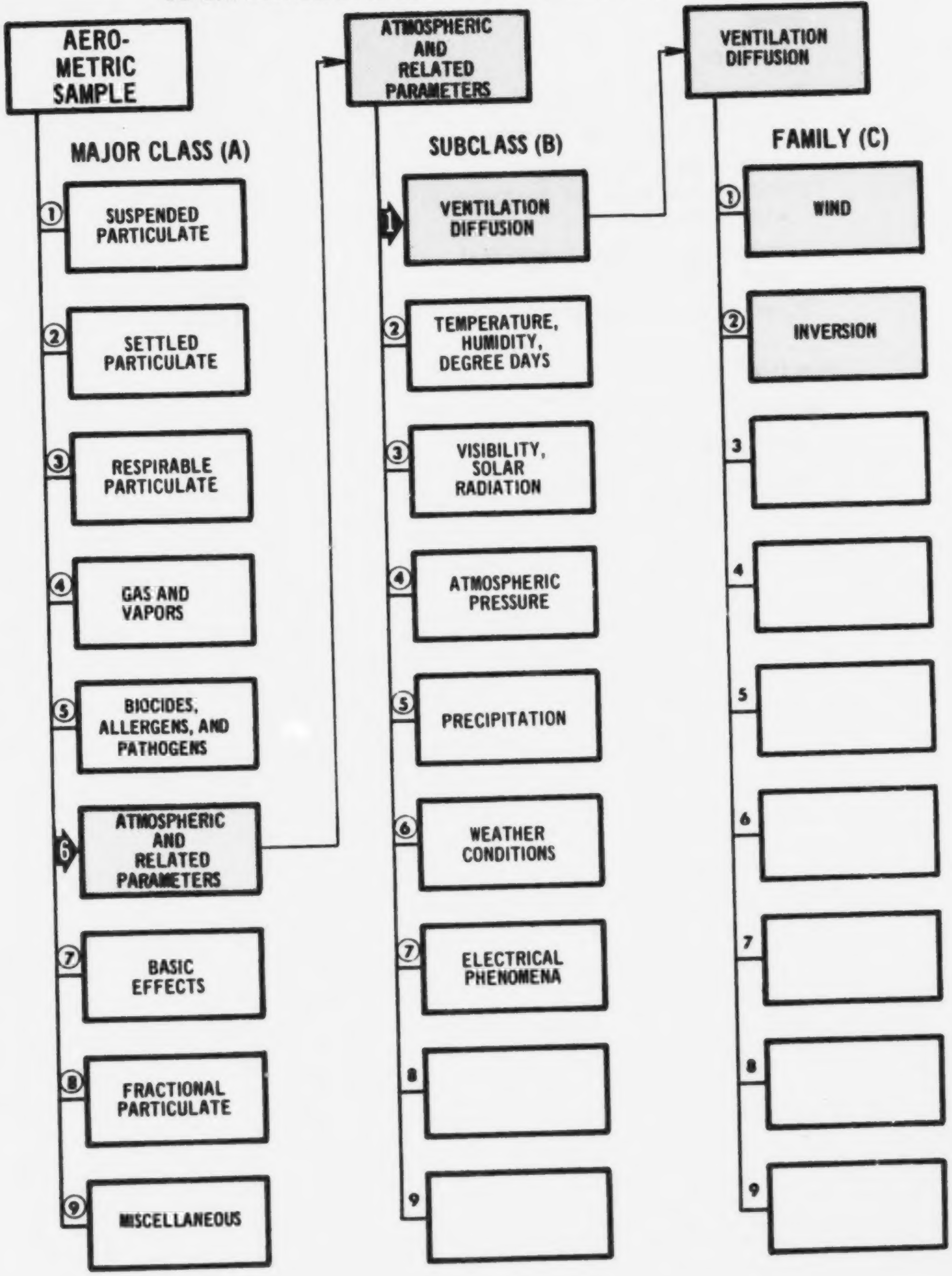
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
1 VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
VENTILATION DIFFUSION
FAMILY (C)
① WIND
② INVERSION
3
4
5
6
7
8
9

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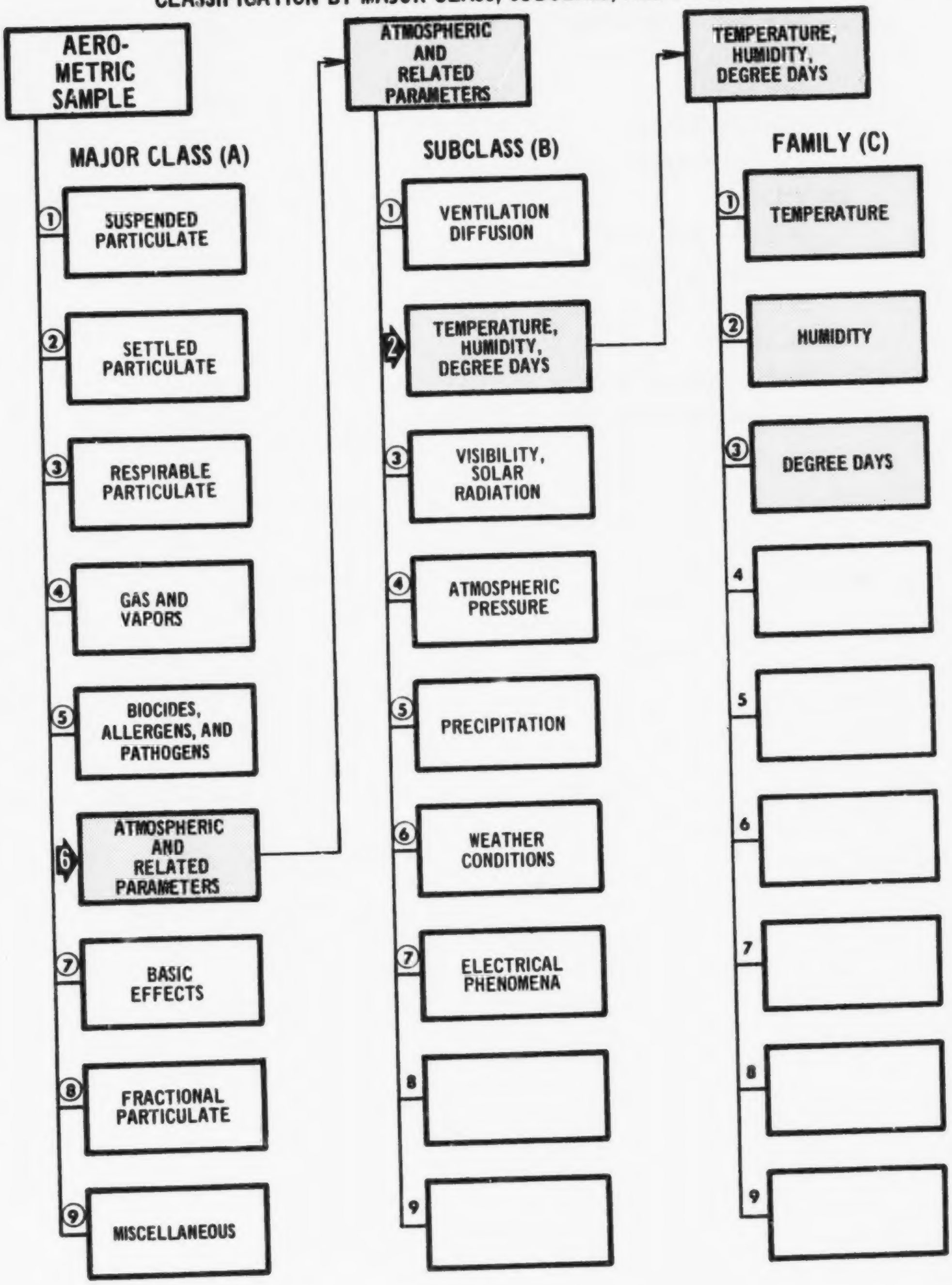
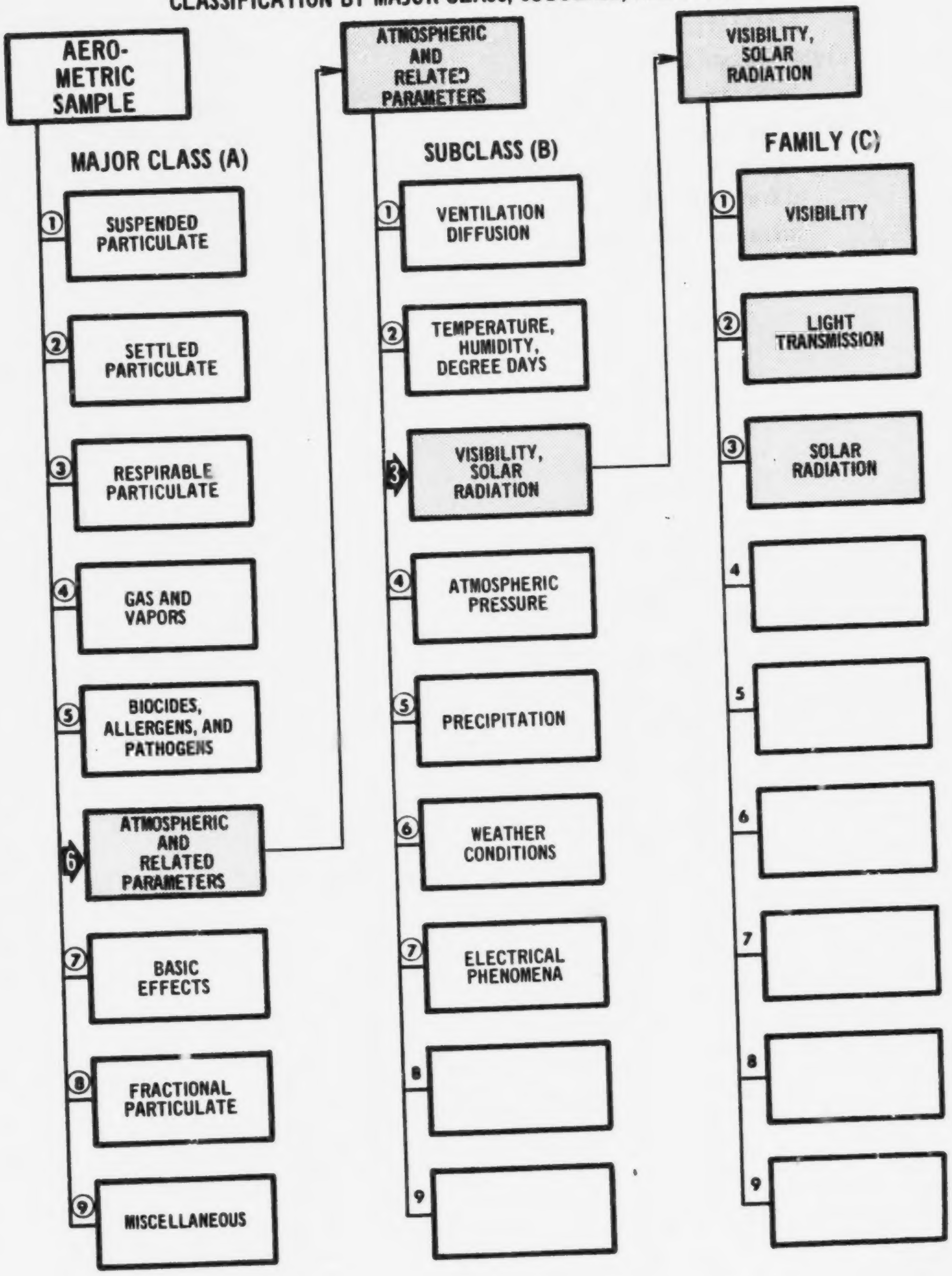
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| VENTILATION DIFFUSION | 61 |
| Wind | 611 |
| Speed | 61101 |
| Direction | 61102 |
| Resultant speed (24-hour) | 61103 |
| Resultant direction (24-hour) | 61104 |
| Average speed (24-hour) | 61105 |
| Standard deviation of horizontal wind direction | 61106 |
| Standard deviation of vertical wind direction | 61107 |
| Standard deviation of wind speed | 61108 |
| Inversion | 612 |
| Height | 61201 |
| Lapse rate | 61202 |
| Stability | 61203 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
2 TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
TEMPERATURE, HUMIDITY, DEGREE DAYS
FAMILY (C)
① TEMPERATURE
② HUMIDITY
③ DEGREE DAYS
4
5
6
7
8
9

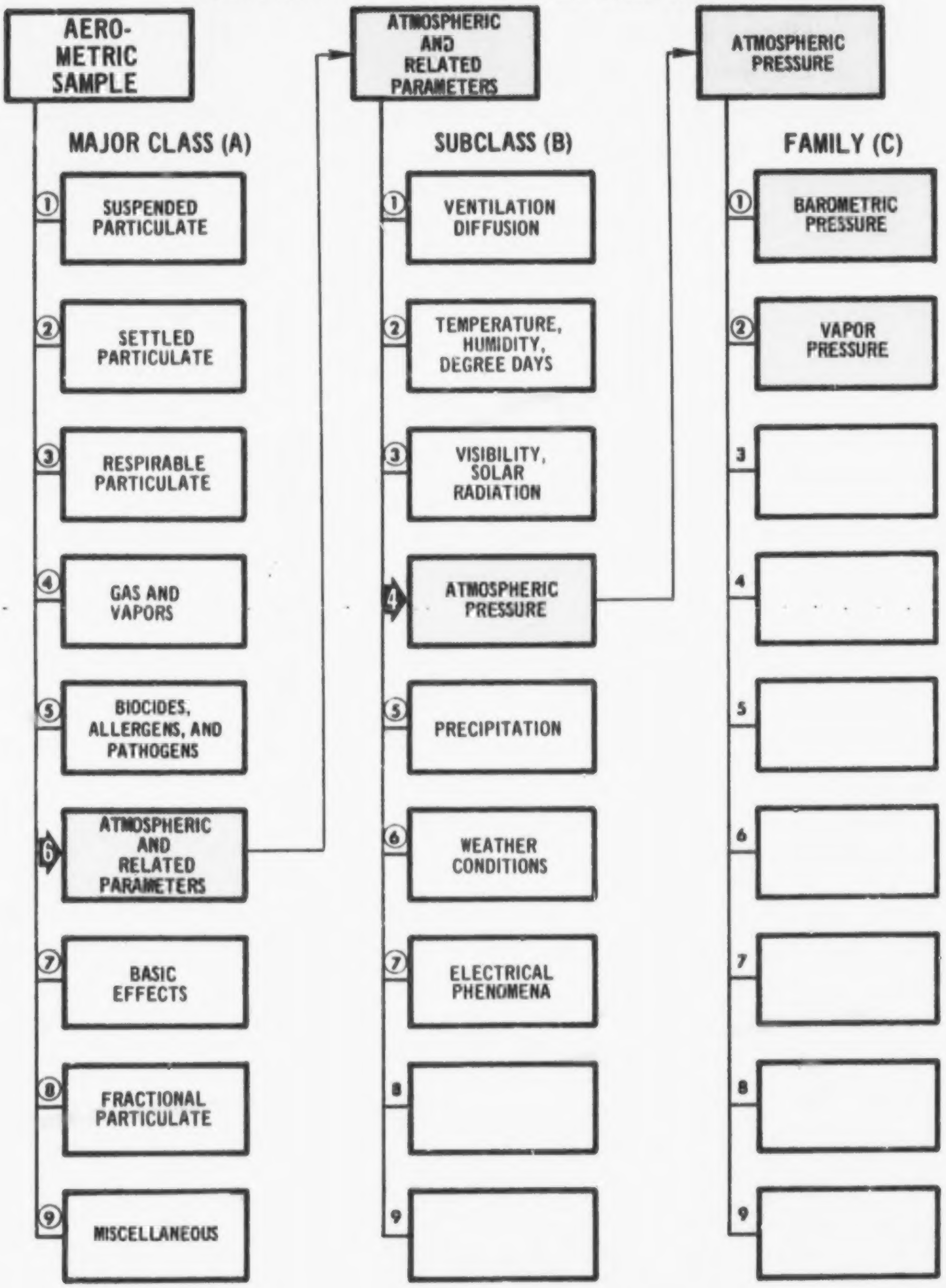
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| TEMPERATURE, HUMIDITY, DEGREE DAYS | 62 |
| Temperature | 621 |
| Dry-bulb temperature | 62101 |
| Wet-bulb temperature | 62102 |
| Dew point | 62103 |
| 24-hour maximum | 62104 |
| 24-hour minimum | 62105 |
| Humidity | 622 |
| Relative humidity | 62201 |
| Absolute humidity | 62202 |
| Mixing ratio | 62203 |
| Degree Days | 623 |
| Heating degree days | 62301 |
| Cooling degree days | 62302 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
3 VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
VISIBILITY, SOLAR RADIATION
FAMILY (C)
① VISIBILITY
② LIGHT TRANSMISSION
③ SOLAR RADIATION
4
5
6
7
8
9

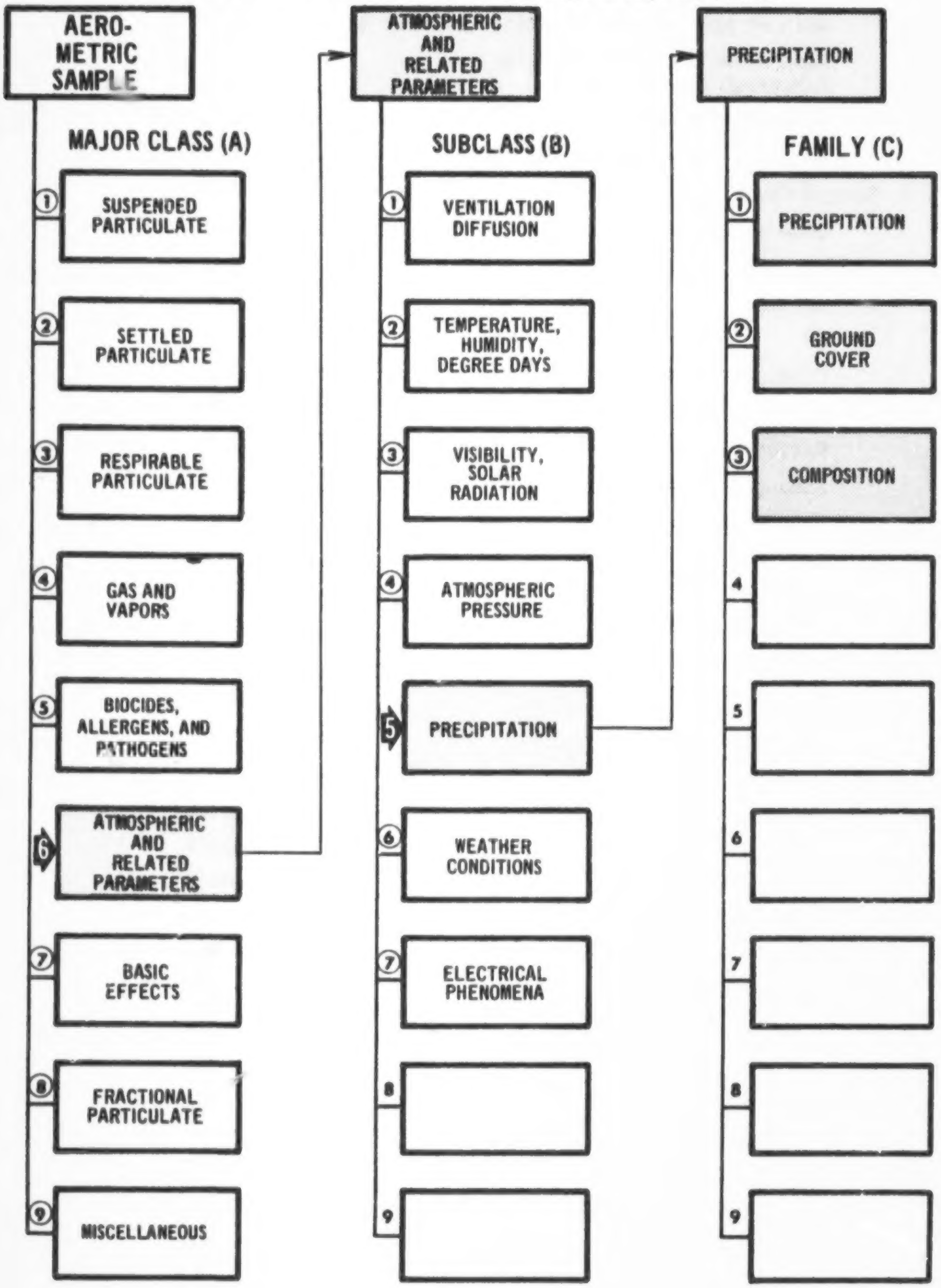
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| VISIBILITY, SOLAR RADIATION | 63 |
| Visibility | 631 |
| Visibility | 63101 |
| Light Transmission | 632 |
| Turbidity | 63201 |
| Solar Radiation | 633 |
| Intensity (total radiation) | 63301 |
| Ultraviolet radiation | 63302 |
| Infrared radiation | 63303 |
| Sunshine | 63304 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
4 ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
ATMOSPHERIC PRESSURE
FAMILY (C)
① BAROMETRIC PRESSURE
② VAPOR PRESSURE
3
4
5
6
7
8
9

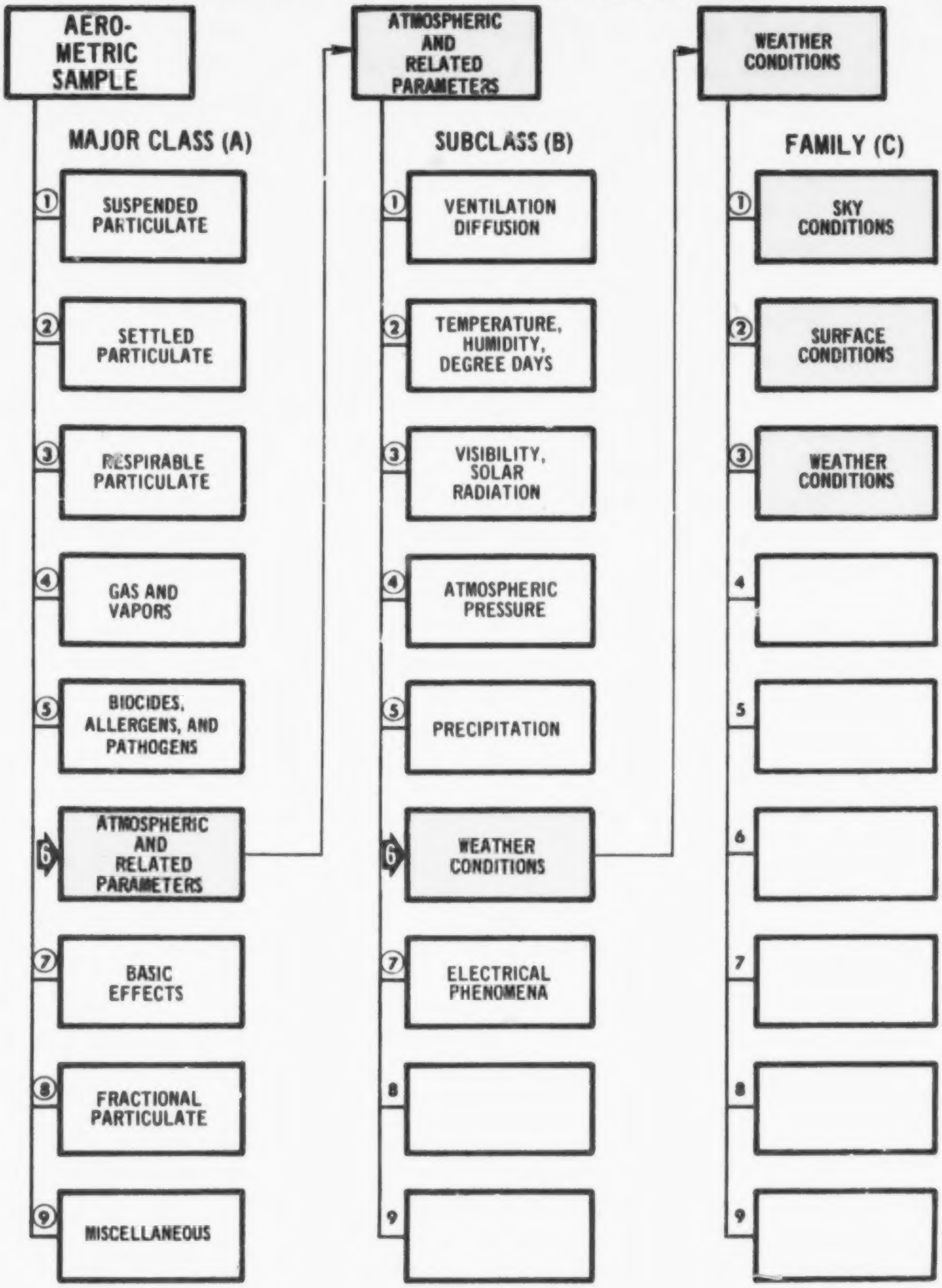
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| ATMOSPHERIC PRESSURE | 64 |
| Barometric Pressure | 641 |
| Station pressure | 64101 |
| Sea-level pressure | 64102 |
| Vapor Pressure | 642 |
| Water-vapor pressure | 64201 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
5 PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
PRECIPITATION
FAMILY (C)
① PRECIPITATION
② GROUND COVER
③ COMPOSITION
4
5
6
7
8
9

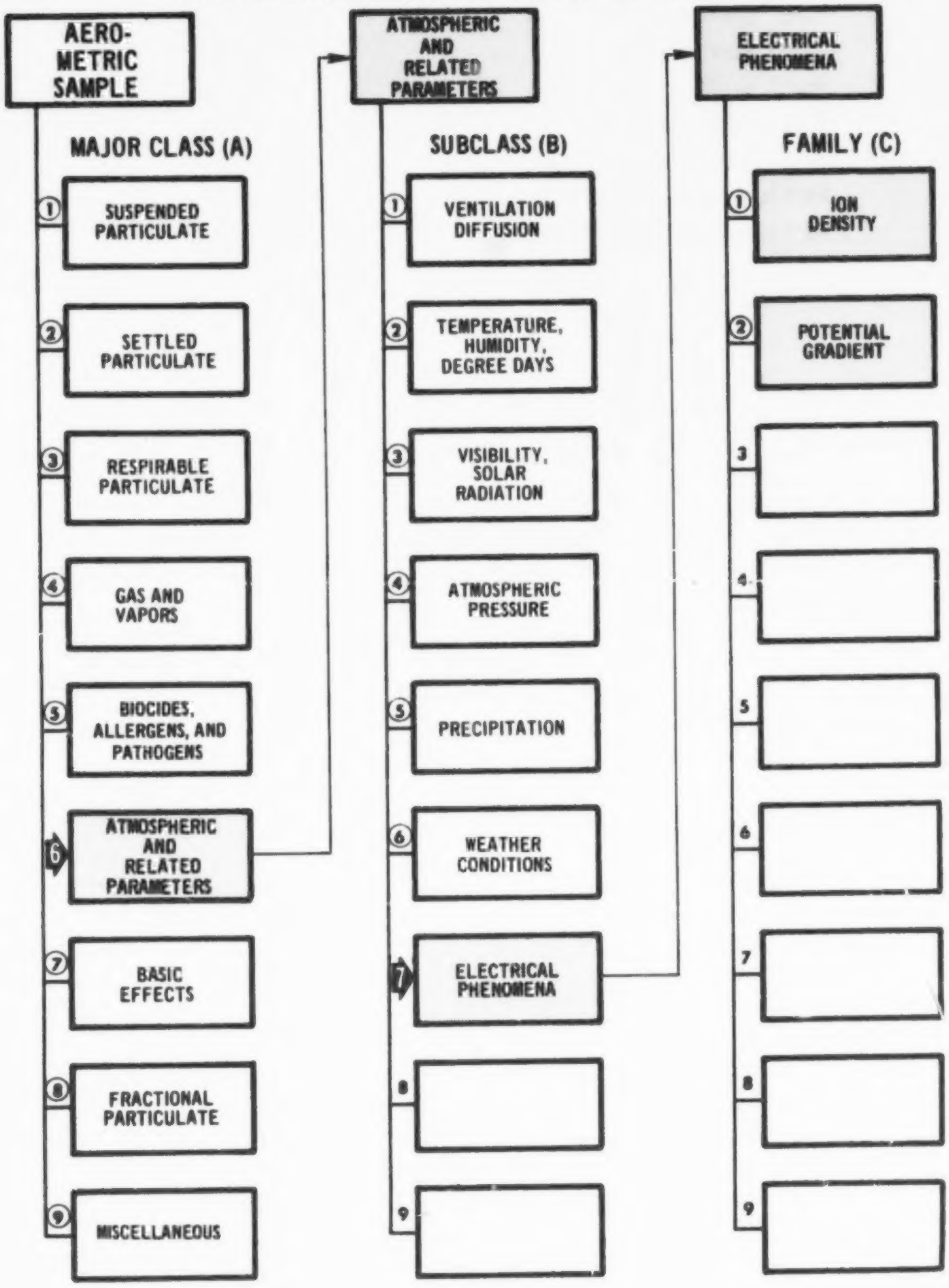
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| PRECIPITATION | 65 |
| Precipitation | 651 |
| Rain or melted precipitation (24-hour total) | 65101 |
| Rain or melted precipitation (observed period total) | 65102 |
| Snowfall (24-hour total) | 65103 |
| Snowfall (observed period total) | 65104 |
| Ground Cover | 652 |
| Snow depth | 65201 |
| Composition | 653 |
| Volume | 65301 |
| pH | 65302 |
| Conductivity | 65303 |
| Solids content | 65304 |
| Radioactivity | 65305 |
| Strong acid | 65306 |
| Weak acid | 65307 |
| Strong base | 65308 |
| Weak base | 65309 |
| Lithium | 65310 |
| Sodium | 65311 |
| Potassium | 65312 |
| Magnesium | 65313 |
| Calcium | 65314 |
| Fluoride | 65315 |
| Chloride | 65316 |
| Bromide | 65317 |
| Ammonium | 65318 |
| Carbonate | 65319 |
| Bicarbonate | 65320 |
| Nitrate | 65321 |
| Sulfate | 65322 |
| Bisulfate | 65323 |
| Formate | 65324 |
| Acetate | 65325 |
| Phosphate, tribasic | 65326 |
| Phosphate, dibasic | 65327 |
| Phosphate, monobasic | 65328 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
③ RESPIRABLE PARTICULATE
④ GAS AND VAPORS
⑤ BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
6 WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
8
9
WEATHER CONDITIONS
FAMILY (C)
① SKY CONDITIONS
② SURFACE CONDITIONS
③ WEATHER CONDITIONS
4
5
6
7
8
9

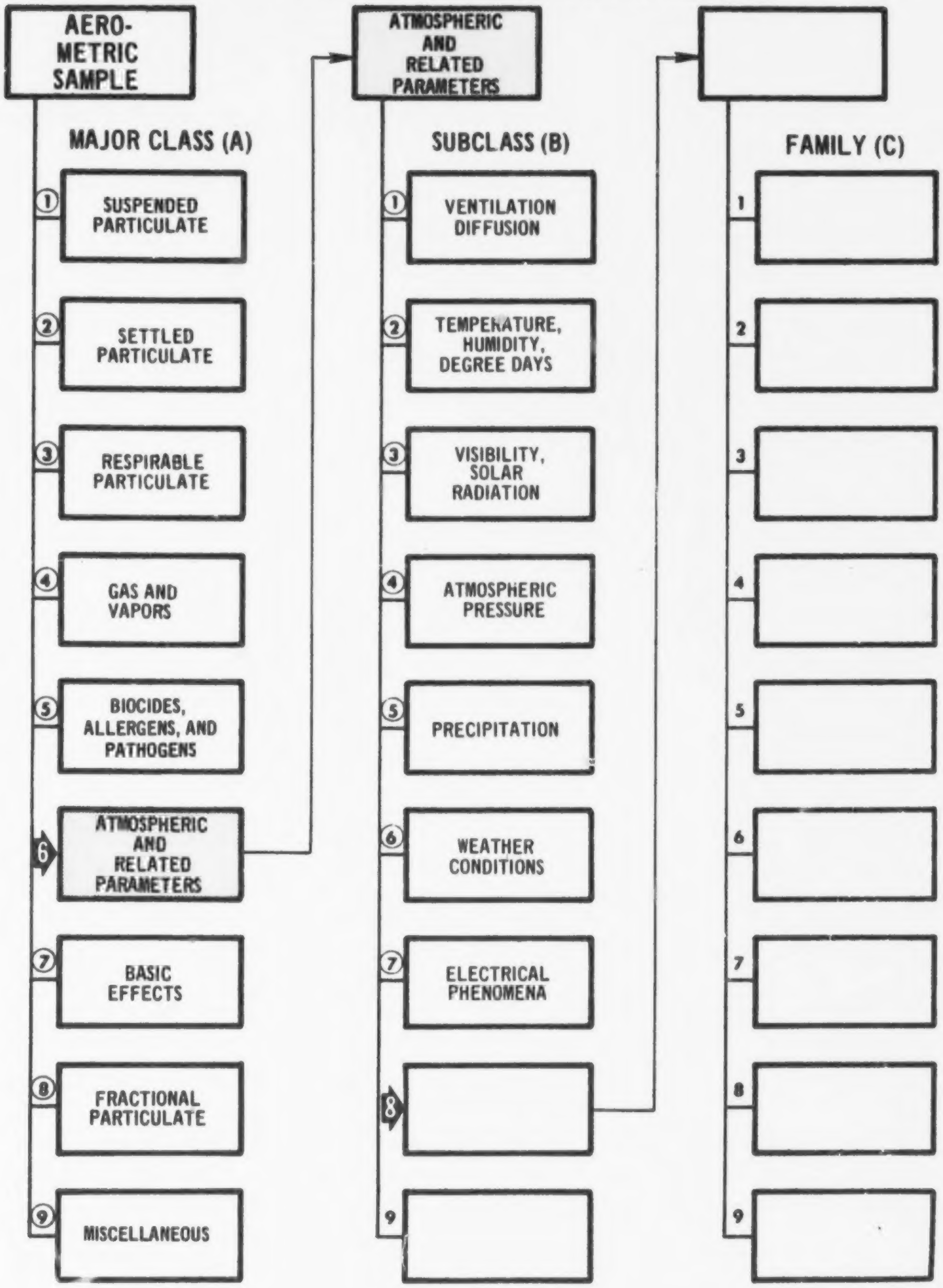
| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| WEATHER CONDITIONS | 66 |
| Sky Conditions | 661 |
| Current conditions (all layers) | 66101 |
| Average conditions (6:00 a.m.–6:00 p.m.) | 66102 |
| 24-hour average conditions | 66103 |
| Clouds, first layer | 66104 |
| Height of first-layer clouds | 66105 |
| Clouds, second layer | 66106 |
| Height of second-layer clouds | 66107 |
| Clouds, third layer | 66108 |
| Height of third-layer clouds | 66109 |
| Surface Conditions | 662 |
| Ground | 66201 |
| Weather Conditions | 663 |
| Precipitation occurring | 66301 |
| Visibility restriction | 66302 |

## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
1 VENTILATION DIFFUSION
2 TEMPERATURE, HUMIDITY, DEGREE DAYS
3 VISIBILITY, SOLAR RADIATION
4 ATMOSPHERIC PRESSURE
5 PRECIPITATION
6 WEATHER CONDITIONS
7 ELECTRICAL PHENOMENA
8
9
ELECTRICAL PHENOMENA
FAMILY (C)
1 ION DENSITY
2 POTENTIAL GRADIENT
3
4
5
6
7
8
9

| POLLUTANT OR PARAMETER | CODE |
|---|---|
| ATMOSPHERIC AND RELATED PARAMETERS | 6 |
| ELECTRICAL PHENOMENA | 67 |
| Ion Density | 671 |
| Large positive ions | 67101 |
| Large negative ions | 67102 |
| Small positive ions | 67103 |
| Small negative ions | 67104 |
| Potential Gradient | 672 |
| Vertical gradient, positive | 67201 |
| Vertical gradient, negative | 67202 |

CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
1 SUSPENDED PARTICULATE
2 SETTLED PARTICULATE
3 RESPIRABLE PARTICULATE
4 GAS AND VAPORS
5 BIOCIDES, ALLERGENS, AND PATHOGENS
6 ATMOSPHERIC AND RELATED PARAMETERS
7 BASIC EFFECTS
8 FRACTIONAL PARTICULATE
9 MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
1 VENTILATION DIFFUSION
2 TEMPERATURE, HUMIDITY, DEGREE DAYS
3 VISIBILITY, SOLAR RADIATION
4 ATMOSPHERIC PRESSURE
5 PRECIPITATION
6 WEATHER CONDITIONS
7 ELECTRICAL PHENOMENA
8
9
FAMILY (C)
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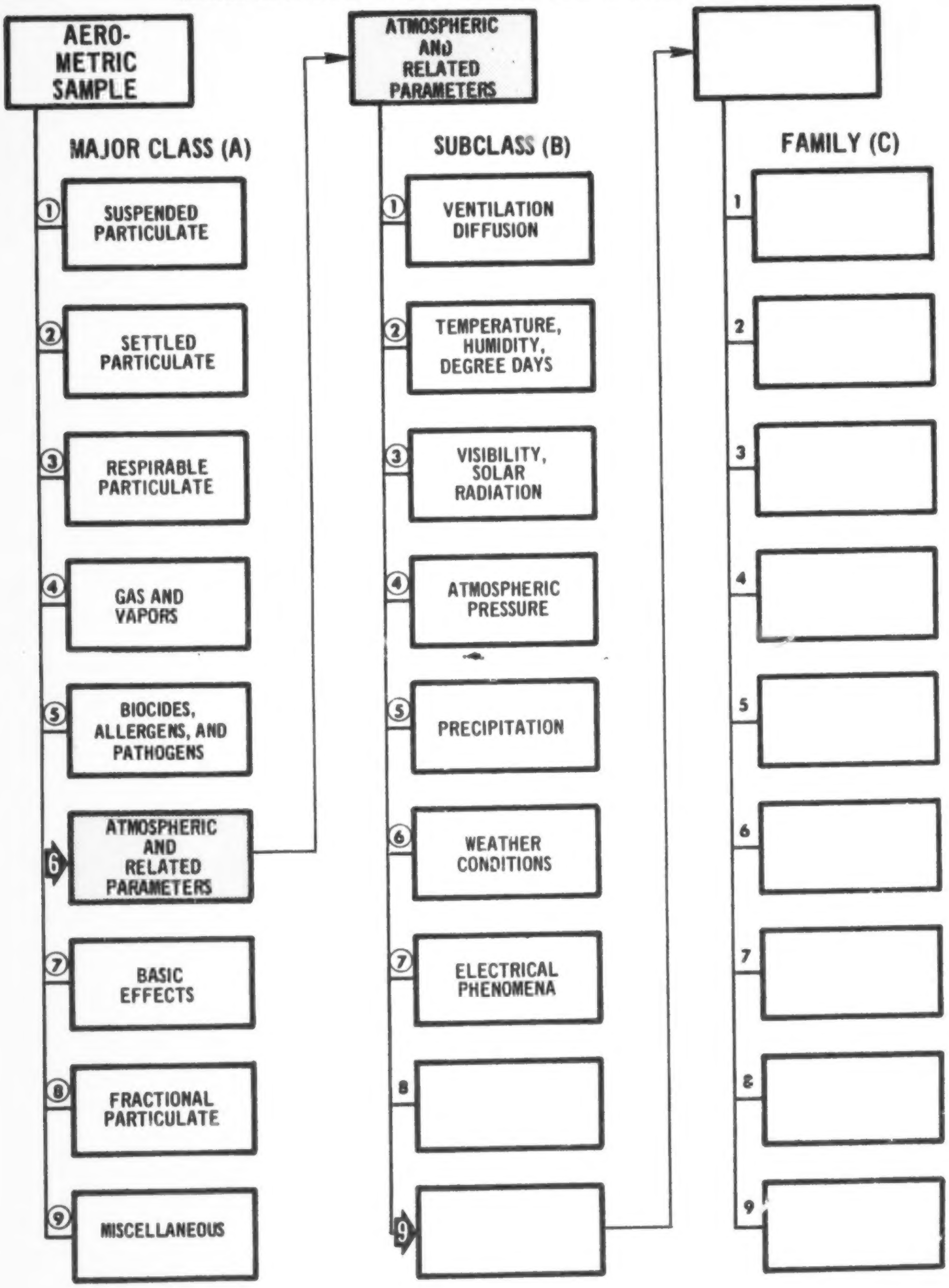
## CLASSIFICATION BY MAJOR CLASS, SUBCLASS, AND FAMILY


AERO-METRIC SAMPLE
MAJOR CLASS (A)
① SUSPENDED PARTICULATE
② SETTLED PARTICULATE
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④ GAS AND VAPORS
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⑦ BASIC EFFECTS
⑧ FRACTIONAL PARTICULATE
⑨ MISCELLANEOUS
ATMOSPHERIC AND RELATED PARAMETERS
SUBCLASS (B)
① VENTILATION DIFFUSION
② TEMPERATURE, HUMIDITY, DEGREE DAYS
③ VISIBILITY, SOLAR RADIATION
④ ATMOSPHERIC PRESSURE
⑤ PRECIPITATION
⑥ WEATHER CONDITIONS
⑦ ELECTRICAL PHENOMENA
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FAMILY (C)
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